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Editor Richard Horton
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Index to volume 350 1997

Concordance

To enable the reader to determine at a glance, the date and serial number of the issue of THE LANCET containing the required page reference.

Pages	Date of issue	Number	Pages	Date of issue	Number
1-78	July 5	9070	1041-1112	11	9084
79-154	12	9071	1113-1186	18	9085
155-228	19	9072	1187-1260	25	9086
229-302	26	9073	1261-1334	November 1	9087
303-376	August 2	9074	1335-1410	8	9088
377-454	9	9075	1411-1488	15	9089
455-528	16	9076	1489-1562	22	9090
529-600	23	9077	1563-1640	29	9091
601-674	30	9078	1641-1716	December 6	9092
675-748	September 6	9079	1717-1788	13	9093
749-822	13	9080	1789-1866	20/27	9094
823-896	20	9081			
897-968	27	9082			
969-1040	October 4	9083			

Subject Index

References and abbreviations

C	Correspondence	L	Lifeline
Com	Commentary	N	News
E	Editorial	R	Research Letters
Es	Essay	S	Seminar

References to HIV are to HIV-1 unless otherwise stated.

Page numbers beginning sI refer to Lancet Supplement (July 1997) - Diabetes and the heart
Page numbers beginning sII refer to Lancet Supplement (October 1997) - Asthma
Page numbers beginning sIII refer to Lancet Supplement (December 1997) - Review 1997

A

Abciximab In acute myocardial infarction (RAPPORT trial) (Husten 645 N); During coronary intervention in unstable angina (CAPTURE trial) (Umans et al 445 C) (744 correction)

Abdominal pain Recurrent cholangitis in Caroli's disease causing (case report) (case report) (Sandle and Lodge 408)

Abortion For adolescent Irish girl in UK after rape (Birchard 1688 N) (Birchard 1759 N); Campaign against leads to shootings in Canada (Kondro 1528 N); Campaign for extension of UK Abortion Act to Northern Ireland (Birchard 1377 N); Federal funding ban under Hyde amendment to US budget bill (Rovner 573 N); Funding restrictions in US after health-care budget increase (Rovner 1529 N); Increase in demand and anniversary of UK Abortion Act (1967) (1335 E); Partial-birth, ban backed by American Medical Association (AMA) (Rovner 40 N); Spontaneous, terathanasia as mechanism for protective effect of folic acid against birth defects (Hook and Czeizel 513) (Burn and Fisk 1322 C) (Hall 1322 C) (Hook 1323 C) (Schorah et al 1323 C) (Giagounidis et al 1712 C); US restrictions to increase (Rovner 502 N)

ABOVE trial Efficacy of sclerotherapy in acute variceal bleeding improved by early somatostatin (Avgerinos et al 1495)

Abscess Intraabdominal, cause of fever of unknown origin (Arnow and Flaherty 578 S); Metastatic, in Lemierre syndrome (case report) (Vohra et al 928); Peritonsillar and aberrant internal carotid artery in mouth differential diagnosis (Tsunoda et al 340 R); Subclavian, iodoform gauze dressings and delirium associated (case report) (Yamasaki et al 1294)

Academic clinicians Hopes and aspirations of new generation in UK (Savill 58) (Rees 670 C); Research/service balance problems in UK and recommendations (Sharp 193 N) (Boyd 595 C)

Academic health centres Funding and staffing problems in US (Greenberg 193 N)

Acanthamoeba keratitis Incidence in contact lens wearers (Morlet et al 414 R) (Lam et al 1481 C)

Accident & Emergency treatment BLEED evaluation technique for gastrointestinal bleeding (McCarthy 496 N); Weaknesses highlighted by TV documentary (UK) (Murphy 119 N); *See also* Emergency care

ACE *see* Angiotensin-converting enzyme (ACE)

Acetazolamide In episodic ataxia type-2 (EA-2) (case report) (Melberg et al 1220)

Acetylation Slow, association with familial Parkinson's disease (Brandmann et al 1136)

Acetylcholinesterase Glycosylation as diagnostic marker for Alzheimer's disease (Sáez-Valero et al 929 R)

Acetylsalicylic acid *see* Aspirin

***N*-Acetyltransferase 2** Slow acetylator genotype for and association with familial Parkinson's disease (Brandmann et al 1136)

Acne vulgaris Adapalene gel teratogenicity (Autret et al 339 R); Antibiotic resistance spread to personal contact from patients (Bolognia and Edelson 972 Com)

Action Programme on Essential Drugs (DAP), WHO Quality of essential drugs to be improved (601 E) (Arya 1106 C) (Lauridsen 1106 C) (Quick and Bremer 1106 C) (Dunne 1712 C)

Actiq FDA approval (Ault 942 N)

Activa System Electrical stimulators approved by FDA for control of Parkinson's tremor (Ault 501 N)

Activin A As endocrine marker for pre-eclampsia (372 correction)

Acupuncture Benefits, NIH comment (1452 N)

Acute respiratory distress syndrome (ARDS) Inhaled nitric oxide treatment (Troncy et al 111 R); Regional ventilation in prone position (Sandham sIII 3) (Gattinoni et al 815 C) (Lavender and Peters 1177 C)

Adamantanes Bromontan as new doping agent (Burnat et al 963 C)

Adapalene gel Teratogenicity in pregnancy (Autret et al 339 R)

Addisonian crisis Secondary adrenocortical failure complicated by water intoxication causing (case report) (Devendra et al 780)

α-Adducin Polymorphism in hypertensives (Iwai et al 369 C) (524 correction)

Adenosine A_{2A} receptor Caffeine effect absent in knockout mice lacking gene for (Larkin 497 N)

Adipocere In "iceman" identified by infrared (Sharp 191 N)

Adolescents Abortion in UK after rape in Ireland (Birchard 1688 N) (Birchard 1759 N); Cannabis/tobacco/alcohol use in Ireland (Birchard 1457 N); Family planning and US federal amendment to bill (Rovner 872 N); Genetic basis of bad behaviour (McGuffin and Thapar 411 R) (Harding 885 C); IGF-1 with insulin therapy to reduce complications in IDDM (trial) (Møller and Ørskov 1188 Com) (Acerini et al 1199) (Mitchell 1606 N); "Tough on smoking" policy in UK (Mitchell 195 N); *See also* Boys

α-Adrenergic blocking agents In benign prostatic hyperplasia (Neal 305 Com)

β_2-Adrenergic agonists Acute asthma treatment (Lipworth sII18); Desensitisation susceptibility linked to β_2-adrenoceptor polymorphism in asthmatics (Tan et al 995)

β-Adrenergic antagonists *see* Beta-blockers

β_2-Adrenoceptors Facilitatory effects of corticosteroids in acute asthma (Lipworth sII21); Polymorphism and link with susceptibility to bronchodilator desensitisation in asthmatics (Tan et al 995)

Adrenocortical failure Addisonian crisis due to water intoxication in (case report) (Devendra et al 780); Differential diagnosis using procalcitonin (Hatherill et al 1749 R)
Adrenomedullin Decreased circulating levels in pre-eclampsia (Hata et al 1600 R); Plasma levels in diabetics (Hayashi et al 1449 R)
Adult respiratory distress syndrome *see* Acute respiratory distress syndrome (ARDS)
Adverse drug reaction (ADR) Amiodarone and acute pancreatitis (Bosch and Bernadich 1300 R); Cidofovir and nephrogenic diabetes insipidus (Schliefer et al 413 R) (1558 correction); Disulfiram and yellow palms/soles (Santonastaso et al 266 R) (Lipsky et al 1176 C); Fenfluramine and phentermine causing valvular heart disease (Ault 189 N); Idamycin and deaths in Japan (1376 N); Indinavir and hepatitis in AIDS patient (Matsuda et al 364 C); Irinotecan hydrochloride and deaths from side-effects (Akabayashi 124 N); Ivermectin and deaths associated (Coyne and Addiss 215 C) (Reintjes and Hoek 215 C) (Barkwell and Shields 216 C) (Bredal 216 C) (Currie et al 1551 C); Losartan and atypical cutaneous lymphoid hyperplasia (Viraben et al 1366 R); Macrolide-induced Churg-Strauss syndrome in atopy (Hübner et al 563 R) (Morice et al 1105 C) (Kränke and Aberer 1551 C) (Hübner et al 1552 C); Mesalazine and Churg-Strauss syndrome (Morice et al 1105 C); Moxonidine and cholestatic hepatitis (Tamm et al 1822 R); Non-sedating antihistamines (Cohen 69 C) (Himmel et al 69 C) (Lindquist and Edwards 69 C) (Rankin 1115 Com) (Dearlove and Wesson 1857 C); Perindopril (first-dose) in congestive heart failure (Cleland 520 C) (Lees and Reid 520 C) (MacFadyen 520 C) (Bagger 521 C) (Tan and Wright 521 C); Protease inhibitors and benign symmetric lipomatosis (Hengel et al 1596 R); Tacrolimus-induced bone marrow suppression (de-la-Serna-Higuera et al 714 R); Thrombolytics and vocal cord haematoma (Laing et al 1677 R); Trimethoprim and aseptic meningitis and uveitis (Gilroy et al 112 R); Troglitazone and hepatotoxicity (Ault 1451 N) (Mitchell 1685 N); Troglitazone and lipoprotein (a) increases (Matsumoto et al 1748 R); Zafirlukast and Churg-Strauss syndrome development (McCarthy 342 N)
Adverse effects Iodoform gauze dressings and delirium (case report) (Yamasaki et al 1294); Kombucha tea (Macready 1081 N)
Advertisements Drugs, in medical journals and quality assurance (Vitry and Mansfield 1477 C) (Alliot 1636 C)
Advertising Comparative, EU legislation not to include doctors (Rogers 872 N); tobacco *see under* Tobacco
Advisory Committee on Genetic Testing Guidelines on genetic testing and information required from companies (969 E) (Sharp 1013 N)
Aedes aegypti Eradication and resurgence in Cuba (455 E)
Aedes albopictus Eradication measures in Cuba (455 E)
Aesculaplus symbol To replace Italian medical association symbol (Simini 1085 N)
AFCAPS/TexCAPS study Statins of benefit to wide range of patients (Husten 1525 N)
Afghanistan Health care under control of Taliban (Maley 743 C); Update on restrictions on women (Reiner 587)
Aflatoxins Contamination of maize flour in Kenya (Kigotho 718 N)
Africa Asthma in slums of Kenya (Kigotho 874 N); Cross-border strategies to combat cholera epidemics (Kigotho 1457 N); El Niño disaster in Horn of Africa (Kigotho 1830 N); Ethical issues of HIV drug trials (897 E) (Aaby et al 1546 C) (DeCock et al 1546 C) (Cooper 1547 C) (Semba 1547 C) (Vaughan 1547 C); Failure of mass vaccination against meningococcal meningitis (Robbins et al 880) (Higham 1707 C) (Kaninda et al 1708 C) (Perkins et al 1708 C) (Robbins et al 1709 C) (Wenger et al 1709 C); HIV disease progression rates and AIDS-defining disorders (Morgan et al 245); Malarone-donation programme concerns (Bloland et al 1624) (Foege 1628 C); Population growth (Loefler 523 N) (King 1255 C); Sub-Saharan, triple-combination antiretroviral therapy (Hogg et al 1406 C); Tobacco companies shift operations and interest to (Kigotho 792 N); Unreliable reporting of fevers by carers and recommendations (Einterz and Bates 781 R) (Konotey-Ahulu 1549 C) (Morgan et al 1549 C) (Dunyo et al 1550 C) (Tahzib 1550 C); WHO call for action against cholera (Kigotho 650 N); Women denied reproductive rights (Crowe 722 N); World Bank oil-pipeline project and HIV transmission prevention inclusion (Kigotho 1608 N)
African Medical and Research Foundation Doctors' role and work in Somalia (Crowe 419 N)
African pygmy hedgehog As source of *Salmonella* serotype Tilene (789 N)
African-Americans Hypertension in and strict blood pressure control needed (MDRD Group Study) (Macready 787 N)
Africans RhD-negative and differences from RhD-negative Europeans (Daniels et al 862 R)
Age Influence on Henoch Schönlein purpura (Lahita 1116 Com)
Ageing Effect on aortic compliance (Martyn and Greenwald 953); Essays in *The Lancet* (Sharp 1118 Com); Mechanisms and research (Finkel 1150 N); Myths (Mulley 1160); Novel (*Love in the Time of Cholera* - G. Márquez) (Jones 1169); "Omnipresent still syndrome", need for attitude changes and bridge between mind and body (Horton 1156); Oxygen metabolism, free radicals and calorie restriction actions/effects (Finkel 1150 N); Population in India and concerns (Kumar 271 N); Portraits (Giorgione 1155) (Hambling 1161) (Kelly 1162) (Tittle 1164) (1166); *See also* Elderly
Ageing Today and Tomorrow essay series (Sharp 1118 Com); Access to advances in cardiology (Lye 1162); Clinical care of aged and differences with younger people (Resnick and Marcantonio 1157); Dying to take blame for costs of health care (van Weel and Michels 1159); Is the best yet to come? (challenges and improvements needed) (Gordon 1166); Living a little more dangerously, risk estimation/perception, choices and autonomy *vs* paternalism (Patterson and Rosenthal 1164); Longevity gains as onus or bonus? (Bonita 1167); Myths of ageing (Mulley 1160); "Omnipresent still syndrome", need for attitude changes and bridge between mind and body (Horton 1156)
AIDS Awareness in marginalised community (Kxoe) in Namibia (Brenzinger and Harms 1180 C); In Cambodia and southeast Asia (Müller et al 288 C) (Neild and Gazzard 963 C); Containment in Cuba (Burr 647 N); Costs in Canada (Kondro 1608 N); Disorders defining, survival time and progression rates in rural Uganda (Morgan et al 245); End-of-life care discussions with doctors and barriers to (Macready 1754 N); Global burden (Schartländer 141 C) (Murray and Lopez 144 C); Global pandemic (Mann sII 23); In haemophilia B patient and severe hepatitis after treatment with indinavir (Matsuda et al 364 C); Kaposi's sarcoma *see* Kaposi's sarcoma; Live-attenuated HIV-1 vaccine trial programme (McCarthy 1082 N); Non-Hodgkin's lymphoma, mitoguazone dihydrochloride use rejected by FDA panel (125 N); Prevalence in Argentina (Kandela 1231 N); Resistance due to CCR2 chemokine receptor mutation (496 N); Review of developments in 1997 (Volberding sII 10); Sex education plans abandoned in Kenya (Kigotho 1152 N); Women included in trials for antiretroviral agents (Mangino and Fass 150 C); World Bank report on priorities (McGregor 1456 N); *See also* HIV infection
AIDS Drug Assistance Programs (US) Emergency cost-containment after new drugs approved (Firshein 195 N)
Air Quality reduced by air fresheners (Larkin 1453 N)
Air fresheners Air quality reduced by (Larkin 1453 N)
Air pollution Asthma association and prevention (1113 E); Asthma pathogenesis (Becklake and Ernst sII10); Avoidance in asthma prevention (von Mutius sII16); Diesel fuel exhaust emissions and carcinogenic risks (Farmer 1118 Com); Fossil-fuel combustion policies and public health improvements (Working Group on Public Health and Fossil-Fuel Combustion 1341); "Haze" in SE Asia and respiratory problems caused by (Easton and Wallerstein 1008 N); Organophosphate-induced injury (Brahams 1457 N)
Air travel Jet-lag and (Waterhouse et al 1611 S)
AIRE extension (AIREX) study Follow-up of ramipril for heart failure after myocardial infarction (Tognoni and Franzosi 366 C) (Dunkley and Hodgson 367 C) (Hall et al 367 C)
Airway inflammation Mechanisms/control in asthma (Holgate sII6)
Airway responsiveness Increased, predictive of development and remission of chronic respiratory symptoms (Xu et al 1431); To inhaled spasmogens and effect of regular salbutamol (Crowther et al 1450 R)
Alanine Bedtime administration to diabetics to prevent nocturnal hypoglycaemia (496 N)
Albanians Fears in Serbia and poor conditions (Agovino 1757 N); Low mortality correlation with low income linked to Mediterranean lifestyle effect (Ronsmans et al 1810)
Albendazole *Vs* combined therapy with ivermectin in *Wuchereria bancrofti* microfilaraemia (Addiss et al 480) (1036 correction)
Albumin Excretion in diabetics reduced by lisinopril (Sawicki 662 C) (van Guldener and Donker 662 C) (Williams 662 C) (Chaturvedi et al 663 C) (Pintavorn and Rumsaeng 663 C)
Alcohol Cardiovascular disease relationship (Novartis Foundation Symposium) (Abdulla 1148 N); Chronic pancreatitis aetiology (Mergener and Baillie 1379 S); Consumption and Dupuytren's contracture risk (Frey 1568 Com); Consumption linked to breast cancer risk (Wunsch 1525 N); Survey of use in Ireland (Birchard 1457 N); Withdrawal syndrome and barbiturates in treatment of (Matz 737 C); Withdrawal syndrome and PAN (psychotropic analgesic nitrous oxide) therapy (Gillman and Lictigfeld 737 C)
Alcohol abuse Review of 1997 (Hall sIII 1; Russian mortality rates variation associated (Kromhout et al 379 Com) (Leon et al 383) (Cleophas and van der Meulen 956 C) (Haaga and Mitchell 956 C) (Powles and Day 956 C); Survey on extent in Switzerland (McGregor 124 N)
Alcopops Clampdown in UK (Dean 721 N)
Aldehyde dehydrogenase Inhibition by disulfiram and yellow discoloration due to (Lipsky et al 1176 C)
Alendronate Etidronate *vs* in postmenopausal osteoporosis treatment (Rosen 1340 Com)
Alfalfa sprouts *Escherichia coli* O157 contamination in US (Ault and Morris 567 N)
Algeria Massacres continue despite condemnation (Kandela 1083 N); Superficial normality despite violence and atrocities (Kandela 345 N)
Algodystrophy *see* Reflex sympathetic dystrophy (RSD)
All-trans-retinoic acid *see* Tretinoin
Allergens House dust mite, structure determination (Wunsch 1453 N)
Allergic disease IL-4 mutations associated (Wunsch 1827 N); *See also* Atopy
Allergy Latex, from surgical gloves (Pocie 973 Com) (Davis et al 1783 C); Oilseed rape emissions/particles (Antó 458 Com)
Alleyne, Sir G. WHO Director General candidacy (Bradbury 1830 N)
Allicin From garlic and beneficial actions (1148 N)
Alpha-emitters In cancer therapy (1302 N)
Alprostadil Transurethral, penile rigidity after treatment of erectile dysfunction (Greco and Polonio-Balbi 1682 R)
Alteplase Continuous infusion *vs* double-bolus injection trial stopped (Bonn 1229 N); Reteplase survival results similar to in GUSTO III study (Bonn 1229 N)
Alternative therapy Toxic effects of Kombucha tea (Macready 1081 N)
Alveolitis Cryptogenic fibrosing *see* Cryptogenic fibrosing alveolitis
Alzheimer's disease Auguste D's medical records (Hamann 297 C) (Gurwitz 298 C); Benefits of participation in trials (269 N); As conformational disease (Carrell and Lomas 134); Diagnosis by cerebrospinal fluid tau protein and aspartate aminotransferase (Riemenschneider et al 784 R); Dihydrolipoamide succinyltransferase (DLST) genotype (Nakano et al 1367 R); Donepezil licensed in UK but trial inconclusive (1376 N); Early-onset, presenilin-1/-II and VLDL-R associations (Brookes et al 336 R) (Singleton et al 958 C) (Korovaitseva et al 959 C); European research (Winblad and Hardy 73 C); Genes associated (McCarthy 1149 N); Glycosylation of acetylcholinesterase as diagnostic marker (Sáez-Valero et al 929 R); Hair abnormalities (de Berker et al 34 R); New plaque protein (AMY117) identified in brain (Larkin 36 N); Onset time linked to HLA-A2 allele (McCarthy 568 N); Smoking association (Debanne et al 295 C) (Peto 295 C); Treatment guidelines (Lovestone et al 232 Com) (McShane et al 886 C) (Kellett 887 C) (Mackay 887 C)
Amenorrhoea (Baird 275 S); Causes/diagnosis and management (Baird 275 S)
American Association for Cancer Research Tumour maps development (conference) (Bradbury 869 N)
American Association for the Study of Liver Diseases Meeting on HCV (Bhattacharya 1452 N)
American College of Cardiology Echocardiograms not necessary for diet-drug users (Ault 1371 N)
American College of Gastroenterology Meeting report on colorectal cancer (Bhattacharya 1452 N)
American College of Rheumatology Rheumatoid arthritis gene and antibody therapies (Isaacs 1524 N)
American Diabetes Association Diagnostic guidelines for diabetes (Moore 37 N)
American Heart Association (AHA) Increased aspirin use advised in cardiovascular disease (Bradbury 1301 N); Meeting report on vascular gene therapy (McCarthy 1451 N); Risk of heart disease not communicated to women (1563 E); Statins of benefit to wide range of patients (Husten 1525 N)
American Medical Association (AMA) Endorsement of and exclusive contract for Sunbeam health-care products (529 E); Endorsement of Sunbeam products reversed (Ault 648 N); Endorsement of

Sunbeam products reversed followed by lawsuit by Sunbeam (Rovner 872 N) (1789 E); Leaders' endorsement of abortion bill backed by House of Delegates (Rovner 40 N); Resignation of president over endorsement issue (1789 E)
American Society for Bone and Mineral Research Advances in osteoporosis diagnosis/therapy (Raisz 868 N)
Amerscan Pulmonate II Dye prepared from plasma from nvCJD blood donor (Birchard 1830 N)
Aminoacyl-tRNA synthetases Inhibition by new antifungal agents (Bonn 870 N)
Aminoglycosides Single-daily doses (Rodvold et al 1412 Com)
Aminoguanidine *see* Pimagedine
3-Amino-4-hydroxybenzoic acid ("cheetan") In HIV infection (Kigotho 1009 N)
5-Aminosalicylates Mesalazine *see* Mesalazine
Amiodarone Acute pancreatitis associated (Bosch and Bernadich 1300 R); Prophylactic, effects after acute myocardial infarction and heart failure (meta-analysis) (Amiodarone Trials Meta-Analysis Investigators 1417)
Amiodipine Edinburgh doctor struck off over trial fraud (Mitchell 273 N)
Amnesty International Report on human rights abuses risks for nurses (Welsh 1396)
Amniocentesis Early, risk of fetal loss with *vs* chorionic villus sampling (trial) (Sundberg et al 697) (Eiben et al 1253 C) (Gurwitz 1254 C)
Amnioinfusion Intrapartum and neonatal shivering/hypothermia after (Petrikovsky et al 1366 R) (Philip 1856 C)
Amoebiasis Intestinal, overdiagnosis in Turkey (Doganci et al 670 C) (Hohenschild 1034 C)
Amoxycillin Changes in recommendations for prevention of endocarditis (Littler et al 1100 C)
Amputation Lower-limb, phantom limb pain prevention (trial) (Katz 1338 Com) (Nikolajsen et al 1353
AMY117 New plaque protein in Alzheimer's disease (Larkin 36 N)
Amygdala Differentiation of roles of central/basolateral nuclei in fear-conditioned behaviour (Larkin 268 N)
Amyloid Conformational changes (Carrell and Lomas 136)
Amyloidosis As conformational disease (Carrell and Lomas 137)
Anabolic therapy In osteoporosis (conference) (Raisz 868 N)
Anaemia Autoimmune haemolytic, mycophenolate mofetil in (Zimmer-Molsberger et al 1003 R); In infancy in cystic fibrosis (Savasan et al 295 C); Nutritional, control (West and Hautvast sIII 15); Prevention by iron supplementation in Tanzanian infants (randomised trial) (Menendez et al 844) (Baird and Hoffman 1855 C) (D'Alessandro 1855 C) (Menendez and Alonso 1856 C)
Anaerobic bacteria Pelvic inflammatory disease aetiology (Dayan 1303 N)
Anaesthesia Antihistamines and cardiac arrest (Dearlove and Wesson 1857 C); Necrosis of uvula after (Harris and Kumar 1820 R)
Anaesthetists Hunger strike in Poland (Durand de Bousingen and Geber 1377 N)
Analgesics Potentially lethal in motor neurone disease, administration approved by UK court (Brahams 1376 N)
Anastrozole (Arimidex) Aromatase inhibitor licensed for breast cancer (Bonn 194 N)
Anatomy New terminology approved by international federation in Brazil (Csillag 724 N)
Aneurysms Aortic, rupture possibly associated with metalloproteinase-9 expression (1080 N)
Angina pectoris PTCA *vs* medical therapy (RITA-2 trial participants 461)
Angina pectoris, unstable Abciximab during coronary intervention (CAPTURE trial) (Umans et al 445 C) (744 correction); FDA approval for enoxaparin sodium (125 N); Platelet-receptor inhibitor treatment (Husten 645 N); Prevention by antibiotic treatment for *C pneumoniae* infection (Lip and Beevers 378 Com) (Gurfinkel et al 404) (Anestad et al 1028 C) (Marchioli et al 1028 C) (Gurfinkel and Mautner 1029 C) (Vaughan 1029 C) (Constans et al 1030 C) (Halliwell 1030 C)
Angioedema α_1-Antitrypsin in (Carrell and Lomas 136)
Angiogenesis Breast cancer and mathematical modelling (Bonn 1304 N)
Angioplasty Application of interventional radiology (Thomson 354); *See also* Percutaneous transluminal coronary angioplasty (PTCA)
Angioscopy Virtual (Lehmann 1755 N)
Angiotensin II antagonists Comparison with ACE inhibitors and cough prevention (Goldsmith 814 C) (Aurup 1854 C); Losartan, atypical cutaneous lymphoid hyperplasia associated (Viraben et al 1366 R)
Angiotensin-converting enzyme (ACE) Gene polymorphism predictive of coronary stenting success (Fricker 35 N); High levels associated with luminal narrowing after coronary stenting (Fricker 35 N); I/D polymorphism in diagnosis of sarcoidosis and interpopulation effect (Császár et al 518 C)
Angiotensin-converting enzyme (ACE) inhibitors Adverse event in congestive heart failure with first dose perindopril (Cleland 520 C) (Lees and Reid 520 C) (MacFadyen 520 C) (Bagger 521 C) (Tan and Wright 521 C); Albumin excretion reduced in diabetics by lisinopril (Sawicki 662 C) (van Guldener and Donker 662 C) (Williams 662 C) (Chaturvedi et al 663 C) (Pintavorn and Rumsaeng 663 C) (Tripathi 1102 C); Angiotensin antagonists comparisons (Goldsmith 814 C) (Aurup 1854 C); At conception and in early pregnancy (Lip et al 1446 R); Cough induced by, pathogenesis and reduction by thromboxane antagonist (picotamide) (Robinson et al 3 Com) (Malini et al 15) (Goldsmith 814 C) (Knox and Pang 814 C) (Aurup 1854 C); Prevention of end-stage non-diabetic renal failure (meta-analysis) (Bradbury 787 N); Ramipril in non-diabetic renal failure (REIN study) (Krämer and Schweda 736 C) (Porter 736 C) (Ruggenenti et al 736 C)
Animal carcinogenicity studies To be reduced after drug evaluation harmonisation in EU (Mitchell 274 N)
Animal feeds Antibiotic use and link to resistance to be investigated (EU) (940 N)
Annexin V Reduced by antiphospholipid antibodies and pregnancy loss due to (Moore 269 N)
Anomia Aphasia with, therapeutic effects of increased cholinergic activity (Tanaka et al 116 R)
Anophthalmia Adapalene gel use in pregnancy associated (Autret et al 339 R)
Anorectal function After postoperative radiotherapy for colorectal cancer (Lundby et al 564 R)
Anorexia nervosa 5-HT_{2A} gene promotor polymorphism association (Collier et al 412 R) (Bergh et al 1033 C) (Treasure et al 1033 C) (Hinney et al 1324 C)
Anovulation Normogonadotropic (Baird 278 S)
Antenatal testing HIV, recommendations in Europe (Hudson and Sherr 1783 C); *See also* Prenatal diagnosis
Antia, N H (154 L)
Antiarrhythmic drugs Dofetilide without benefit (Husten 719 N)
Antibacterial goods In Japan (Watts 574 N)
Antibiotic coatings Intravenous central catheters and reduced risk of infection (McCarthy 496 N)
Antibiotic resistance Carbapenem-resistant *Klebsiella pneumoniae* (MacKenzie et al 783 R); In children and need for restrictive criteria for empirical use of antibiotics (Stamos and Shulman 84 Com) (Pollard et al 811 C); Erythromycin, reduced by campaign to limit use of macrolide antibiotics in Finland (McCarthy 569 N); Global surveillance programme (36 N); Increase in Uganda and antibiotic moratorium requested (Kigotho 1014 N); Methicillin *see* Methicillin resistant *Staphylococcus aureus* (MRSA); Multidrug resistant *Yersinia pestis* (plague) (Bonn 788 N); Penicillin-resistant *Streptococcus pneumoniae* (Goldstein and Garau 233 Com) (Klugman and Koornhof 1176 C); Spread from acne patients to personal contacts (Bolognia and Edelson 972 Com); Use in animals and link to be investigated (940 N); Vancomycin resistant *S aureus* *see* Vancomycin; Vancomycin-resistant enterococci *see* Vancomycin-resistant enterococci
Antibiotics Amoxycillin prophylaxis of endocarditis and changes in recommendations (Littler et al 1100 C); Coronary artery disease treatment *see* Coronary heart disease (CHD); *Escherichia coli* evasion by entering bladder macrophage (1080 N); For febrile children and restrictive criteria for empirical use (Stamos and Shulman 84 Com) (Pollard et al 811 C); Guidelines for treatment of group A streptococcal pharyngitis and recommendations (Kaplan 899 Com) (Steinhoff et al 918); Hearing loss prevention in meningitis (Kaplan 158 Com); Inappropriate prescribing and predictive value of colour of nasal discharge in respiratory tract infection (Mainous III et al 1077 R); Intravenous, fever associated in cystic fibrosis (Mallon et al 1676 R); Moratorium requested in Uganda for survey on inappropriate dispensing (Kigotho 1014 N); Natural peptide (defensins), expression by skin (Fulton et al 1750 R); Prophylactic after tick bites to prevent Lyme disease (Dennis and Meltzer 1191 Com); Prophylaxis after swan bite (Ebrey and Hayek 340 R); Recurrent heart disease reduced by elimination of *C pneumoniae* (Bower 191 N); *S aureus* sensitivity to vancomycin, conference report (LeDuc and Hughes 1081 N); Single-daily doses of aminoglycosides (Rodvold et al 1412 Com); Unnecessary prescribing by doctors (US) (Bonn 869 N); *See also* Macrolide antibiotics; *specific antibiotics*
Anticancer drugs *see* Cancer; Chemotherapy
Anticholinergics In acute asthma (Lipworth sII20)
Anticipation in genetics Statistical anticipation and/or biological anticipation due to trinucleotide repeats amplification (Fraser 459 Com) (Petronis et al 1403 C)
Anticoagulants Pregnancy outcome improvement in antiphospholipid syndrome (Moore 269 N)
Antidepressants Sertraline in premenstrual dysphoric disorder (Larkin 935 N); *See also* Selective serotonin reuptake inhibitors (SSRI)
Antidiuretic hormone *see* Arginine-vasopressin (AVP)
Antiepileptics Lack of compliance in developing countries (Gledhill 811 C)
Antifungal agents FDA "fast-track" for new drugs to combat opportunistic mycoses (Bonn 870 N)
Antigen-presenting cells (APCs) In immune response and vaccine development (Nossal 1316)
Antihistamines Cardiac arrest during anaesthesia and (Dearlove and Wesson 1857 C); Non-sedating, dangers (Cohen 69 C) (Himmel et al 69 C) (Lindquist and Edwards 69 C); Non-sedating and cardiac arrhythmia risk (Rankin 1115 Com) (Dearlove and Wesson 1857 C); Terfenadine to be prescription-only in UK (724 N) (Rankin 1115 Com)
Antihypertensive drugs Intellectual function deterioration associated (Bonn 1753 N)
Anti-IL-2 antibodies Safe and effective (FDA recommendation) for graft rejection prevention (1376 N)
Antimalarials False chloroquine resistance due to poor quality drug and underdosing (Basco et al 224 C); Malarone-donation programme for Africa and concerns over (Bloland et al 1624) (Foege 1628 C); Mechanism of resistance and rational drug design (O'Brien 192 N)
Antimicrobial agents Expressed by normal human skin (Fulton et al 1750 R); Interscience Conference and reports on antibiotic sensitivities and emerging diseases (LeDuc and Hughes 1081 N); *See also* Antibiotics; Antifungal agents
Antimicrobial resistance *see* Antibiotic resistance
Anti-obesity drugs Recall of fenfluramine and dexfenfluramine in US (Ault 867 N); *See also* Dexfenfluramine; Fenfluramine
Antioxidants In ischaemic heart disease and ATBC study (Leo and Lieber 667 C) (Shahar 667 C) (Violi and Iullano 667 C) (Rapola et al 668 C) (1712 correction)
Antiphospholipid antibodies Annexin V reduction and pregnancy loss due to (Moore 269 N); Thrombosis and procoagulant activity of monocytes mediated by (Roubey and Hoffman 1491 Com)
Antiphospholipid syndrome Antibody-mediated thrombosis in (Roubey and Hoffman 1491 Com)
Antipolymer antibodies Silicone breast implants (Miller 740 C) (Tenenbaum and Garry 740 C)
Antipsychotics Atypical (Flaum and Andreasen sIII 22); Lower doses of risperidone better than higher doses (Larkin 1827 N)
Antiretroviral agents British HIV Association guidelines for therapy with (818 correction); For developing countries, pilot programme (Feinmann 1759 N); Inclusion of women of childbearing age in clinical trials (Mangino and Fass 150 C); Light-activation of hypericin as strategy for new drugs (Morris 1826 N); For low-income HIV-positive patients not possible through Medicaid in US (Rovner 1759 N); Triple-combination therapy in sub-Saharan Africa (Hogg et al 1406 C); Vertical transmission of HIV prevention (Rowe 788 N); *See also* HIV infection; Protease inhibitors; Zidovudine
Antiretroviral therapy, highly-active (HAART) CMV retinitis after initiation (Mitchell et al 588 C) (Uthayakumar et al 588 C) (Carr and Cooper 589 C) (Stein 589 C) (Stricker and Goldberg 589 C) (Jacobson 590 C); HIV persistence after (Morris 1523 N); T-cell recovery in HIV infection after (Rowe 720 N)
Antirheumatic drugs Disease-modifying *see* Disease-modifying antirheumatic drugs (DMARDs)
Antiseptic coatings Intravenous central catheters and reduced risk of infection (McCarthy 496 N)
α_1-Antitrypsin **Conformational lability (Carrell and Lomas 135)**
α_1**-Antitrypsin deficiency** Chronic pancreatitis aetiology (Mergener and Baillie 1380 S)
Antituberculous therapy Compliance monitoring by isoniazid detection in urine (Elizaga and Friedland 1225 R)
Antiviral drugs *see* Antiretroviral agents; Ganciclovir
Anxiety Post-operative reduced by pre-operative calming of children (Larkin 1228 N)
Aorta Impaired synthesis of elastin during development as initiating event in systemic hypertension (Martyn and Greenwald 953); Thoracic, combined endovascular and surgical treatment of complex traumatic lesions (Carrel et al 1146 R)
Aortic aneurysms Rupture possibly associated with metalloproteinase-9 expression (1080 N)
Aortic compliance Molecular basis (Martyn and Greenwald 953)
Aortic dissection Biochemical diagnosis by raised

creatine kinase BB-isoenzyme (Suzuki et al 784 R)
Aortic wall Stiffness and effect of dietary interventions and smoking (symposium) (Lehmann and Belz 1008 N)
APACHE II Intensive-care admission refusals and lack of data on (McAllister and Howard Fee 2 Com) (Metcalfe et al 7) (Buist et al 883 C) (Fielden et al 883 C) (Coakley 884 C) (Metcalfe et al 884 C) (Meyer and Prien 884 C) (Noble 1398 C) (Metcalfe and McPherson 1399 C)
***APC* mutation** Colorectal cancer predisposition (Larkin 719 N); Genetic tests for familial adenomatous polyposis management (Evans et al 1777 C)
Aphasia With anomia, therapeutic effects of increased cholinergic activity (Tanaka et al 116 R); Incidence and strokes causing (1149 N)
Apnoea Blood pressure increase associated (Morris 495 N)
Apolipoprotein A1 Birthweight and coronary heart disease relationships (Morlese et al 1823 R)
Apolipoprotein E gene ε4 allele Alzheimer's disease association (McCarthy 1149 N); In boxers (121 N); Polymorphism associated with outcome after head injury (Teasdale et al 1069); Schizophrenia phenotypic expression (Pickar et al 930 R) (Ohara et al 1857 C) (Rietschel et al 1857 C)
Apoptosis Increased in contralateral testis in testicular torsion (Hadziselimovic et al 118 R)
Appendicitis Diagnosis (744 correction)
Appetite suppressants FDA warning of valvular heart disease with fenfluramine and phentermine (Ault 189 N) (Ault 501 N)
Architecture RIBA award for Maggie Keswick Jencks Cancer Centre (1638); *See also* Buildings
Areca-nut chewing Copper intake and oral submucous fibrosis due to (Meghji et al 220 C)
Argentina AIDS prevalence and problems (Kandela 1231 N); Civil rights, successes of Argentinean Forensic Anthropology team in human rights abuse investigation (Kandela 1231 N)
Arginine Nitric oxide synthesis from, "arginine paradox" explanation and actions (Chowienczyk and Ritter 901 Com)
Arginine-vasopressin (AVP) In pathogenesis of hyponatraemia in hypothyroidism (Hanna and Scanlon 755 Com) (Croal et al 1402 C)
Arms Raising in postural hypotension (Simini and Fritz-Simini 744 C)
Aroma analysis device Infections detected by (1228 N)
Aromatase inhibitors Choice in advanced breast cancer (Bonn 194 N)

Art

Anatomical waxwork exhibition in Bologna (Italy) (Murphy 1864)
Children in Distress: A Guide for Screening Children's Art (Peterson 1715)
Circle of Willis (Wren 1559)
Conrad, J (Tittle 1164)
Art, Department Medical evaluation of Rembrandt (Espinel 1835)
Departure-Elegance (exhibition) (Boralessa 1184)
Dorothy Hodgkin (Hambling 1161)
Fire (Petrone 1713)
La Vecchia (Giorgione 1155)
London Aquarium exhibition of diving suits (525)
On the naming of parts (brain's construction of colour, exhibition) (Scalway and Lelchuk-Staricoff 226)
Scenes from Bedlam (Russell) (301)
Scotchmer, E (centenarian) (1166)
Sleeping with Ghosts: A Life's Work in Photography (photojournalist (D. McCullin)'s exhibition) (1109)
Southampton exhibition of hospital's centenary (453)
The blinding of Samson (Rembrandt 1409)
The Company of Undertakers (Hogarth 1331)
The Edge of the Wood (Bethlem Hospital 1247-1997 pictorial record) (Wain 1258)
The Emotional Cancer Journey (Petrone 819)
The Lady's Death (Hogarth 1787)
The Meeting (Ray) (597)
The nurse (Wellcome Trust History exhibition) (895)
The Quick and the Dead: Artists and Anatomy (exhibition) (Murphy 1485)
The Royal Victoria Hospital, Belfast (Clarke 967)
Themes and Variations: Sleep (exhibition) (Murphy 374)
Vaughan Williams, R (Kelly 1162)
Wilkinson, K (photograph) (77)
Xmas show rehearsal 5th year (Royal College of Physicians exhibition) (Henderson 151)
Zinelli (672)
See also Medicine and art

Arterial stiffness Assessment in cardiovascular disease in diabetics (Lehmann et al sl15); Effect of HRT in postmenopausal women (416 N)
Arteriovenous malformation Cerebral, spontaneous haemorrhage risk after diagnosis (Mast et al 1065); Middle cerebral artery, temporal lobe abnormality presenting with sexual seizures (case report) (Reading and Will 1746)
Arthritis Chronic, pathogenic microorganisms (Hasunuma et al 145 C); Rubella vaccine not associated with (Larkin 569 N); *See also* Osteoarthritis; Rheumatoid arthritis
Artificial neural networks Diagnosis of acute myocardial infarction (Fricker 935 N); Outcome prediction for colorectal cancer (Bottaci et al 469) (Buyse and Piedbois 1175 C) (Drew and Bottaci 1175 C)
Ascites (Jalan and Hayes 1309 S); Dengue haemorrhagic fever presenting with (case report) (Laferi 1072); Pathogenesis and management (Jalan and Hayes 1312 S)
Ashkenazi Jews *BRCA1* mutations and breast cancer risk (Bonn 1147 N); Colorectal cancer predisposition linked to *APC* mutation (Larkin 719 N)
Asian Development Bank Loan for campaign against communicable disease in Indonesia (Easton and Wallerstein 125 N)
Asian people Self-help project for preventive and curative health services in UK (Ejidokum et al 223 C)
Aspartate aminotransferase In CSF and Alzheimer's disease diagnosis by (Riemenschneider et al 784 R)
Aspirin Asthma induced by and leukotriene C_4 synthase promoter polymorphism (Sanak et al 1599 R); Colorectal cancer risk reduction and possible mechanisms (Featherstone 418 N); History (Jack 437); Increased use advised by American Heart Association (AHA) (Bradbury 1301 N); Ketanserin with in prevention of pre-eclampsia (trial) (Steyn and Odendaal 1267); Low-dose with low-dose warfarin *vs* aspirin only after myocardial infarction (Coumadin Aspirin Reinfarction Study (CARS) Investigators 389) (Peverill et al 1177 C); In stroke trials *see* CAST trial; IST trial; "Superaspirins" under development (Featherstone 418 N)
Association of the British Pharmaceutical Industry (ABPI) Concerns on Medical Editors Trial Amnesty for previously-unreported trials (Horton 756 Com) (Tiner 1329 C)
Astemizole Cardiac arrhythmias associated and prescribing changes (Rankin 1115 Com)
Asthma Acute, treatment (Loworth sl18); Adrenaline effect (history) (Persson 1023); Airway responsiveness to inhaled spasmogens and effect of regular salbutamol (Crowther et al 1450 R); Aspirin-induced, leukotriene C_4 synthase promoter polymorphism (Sanak et al 1599 R); Cellular/mediator basis and natural history (Holgate sl15); In children, epidemiology (Sears 1015 S); Clara cell 16 (CC16) gene association (Clark 1008 N); Definition/diagnosis and prevalence (Sears sl11); Descriptive epidemiology (Sears sl11); Determinants and risk factors (Becklake and Ernst sl10); Environmental factors causing/influencing (Becklake and Ernst sl10) (von Mutius sl14); As eosinophilic, desquamative, exudative and steroid-sensitive disease (history) (Persson 1021); Gene identification (Tattersfield sl26); *The Lancet* award for investigators (Sharp 1149 N); *The Lancet* conference, research needs, genetics and prevention (1113 E); Mortality (Sears sl13); National Asthma Campaign survey results of young people's experience (1080 N); Natural history (Holgate sl15) (Becklake and Ernst sl12); Prevalence in rural/urban Ethiopia in relation to atopy (Yemaneberhan et al 85) (Matthews and Pegge 957 C); Prevention (von Mutius sl14); Salt link (Yemaneberhan et al 85) (Matthews and Pegge 957 C); In slum-dwellers of Kenya (Kigotho 874 N); Sodium cromoglycate inhalation therapy for young children (randomised trial) (Tasche et al 1060); Stable, bronchodilator desensitisation susceptibility linked to β_2-adrenoceptor polymorphism (Tan et al 995); Structure of house dust mite allergen and implications (Wunsch 1453 N); Terminology/language and missed diagnoses (1113 E); Theophylline clearance and menstrual cycle-induced variations (Macready 644 N) (Ohrui et al 1178 C); Treatment - future prospects (Tattersfield sl25); Treatment and current limitations (Tattersfield sl24); Zafirlukast treatment associated with Churg-Strauss syndrome development (McCarthy 342 N)
Asylum seekers Dublin Convention system for handling in EU (Birchard 722 N) (Birchard 1832 N); EU law and Irish Court ruling (Birchard 1832 N)
Ataxia Episodic type 2 presenting with sudden ataxia and paraesthesiae (case report) (Melberg et al 1220); Hereditary paroxysmal, types and case report (Melberg et al 1220); In new variant CJD (Zeidler et al 903)
Ataxia telangiectasia Breast cancer risk (Werneke 739 C) (Swift 740 C); Gene, Breast Cancer Linkage Consortium report omission (Swift 365 C)
ATBC study Antioxidants effect on ischaemic heart disease (Leo and Lieber 667 C) (Shahar 667 C) (Violi and Iullano 667 C) (Rapola et al 668 C) (1712 correction)
Atherectomy Application of interventional radiology (Thomson 355)
Atherosclerosis Exacerbation by hopelessness (Fricker 645 N); Heart transplantation failure predicted by markers of endothelial activation (Husten 1079 N)
Atherosclerotic plaques Tissue factor antigen in (298 correction)
Athletes Bromontan as new doping agent (Burnat et al 963 C); Compulsory drug testing in Ireland (Birchard 273 N)
Atopic dermatitis In child due to cow dander (Szczepanski and Mühlendahl 114 R); Sweat electrolyte levels in children (Liebke et al 1678 R)
Atopy Increase with decline in infectious disease and BCG vaccination effect on development of (Silverman 380 Com) (Alm et al 400); Macrolide-induced Churg-Strauss syndrome in (Hübner et al 563 R) (Morice et al 1105 C) (Kränke and Aberer 1551 C) (Hübner et al 1552 C); Mutant IL-4 receptors (Wunsch 1827 N); Prevalence of wheeze and asthma in rural/urban Ethiopia (Yemaneberhan et al 85) (Matthews and Pegge 957 C); *See also* Allergy
Atrial fibrillation (Narayan et al 943 S); Acute stroke in and IST and CAST trial interpretations (Lip and Beevers 442 C); Mechanisms/features and therapy (Narayan et al 943 S)
Atrial myxoma Cause of fever of unknown origin (Arnow and Flaherty 579 S)
Atrial natriuretic peptide As indicator of possible heart failure (Cowie et al 1349)
Atrial pacing Ventricular pacing comparison in sick-sinus syndrome (trial) (Andersen et al 1210) (Gibbs et al 1780 C)
Attention deficit hyperactivity disorder Brain injury at birth linked (Dawson 936 N)
Audit Lothian Surgical, on improvements in surgical practice (Aitken et al 800); Medical, as scientific balance between chaos and structure, and assessment of results of cardiac surgery (Sergeant and Meyns 1114 Com) (Lovegrove et al 1128); Medicare (US) and overpayments discovered (Firshein 273 N)
Auguste, D Alzheimer's disease in (Hamann 297 C) (Gurwitz 298 C)
Aura Loss in lamotrigine-treated epilepsy (Deleu and Hanssens 1751 R)
Australia Centralisation of paediatric intensive care and outcomes (Maybloom et al 65 C) (Stack et al 65 C) (Tarnow-Mordi et al 66 C) (Tasker 66 C) (Buss 67 C) (Pearson 67 C) (964 correction); Health priorities and targets (Harrigan 793 N); Medical "smart card" trial (Harrigan 420 N); Private health insurance crisis and membership decline (Cordner and Ettershank 650 N); Smoking bans lack commitment (Harrigan 721 N)
Austria Ban on genetically engineered maize (Glass 1457 N); Prevalence of obesity in women (Kinzl 1634 C); Sterilisation of handicapped children to be curtailed and re-thought (Glass 723 N)
Authorship of papers Author's responsibility for research and need for authors' contributions to be published and guarantors (Horton 5 Com) (Goodman 523 C) (Rennie 1035 C); Blinding of researchers in meta-analyses to identity of authors (Berlin et al 185 R) (West 892 C); Of complex investigations and toxoplasmosis outbreak case (Johnstone 1255 C) (Bowie 1256 C); *See also* Medical publications
Autism Aetiology/diagnosis/education/management/prevalence and prognosis (Wing 1761 S); Low medial prefrontal dopaminergic activity (Ernst et al 838 R); Spectrum of disorders (Wing 1761 S)
Autistic spectrum (Wing 1761 S)
Autoantibodies Antiphospholipid *see* Antiphospholipid antibodies; Cholinergic and sinus-node dysfunction association (Ferrari et al 262 R); To interferon-α and interleukin-12 in thymoma-associated autoimmune disease (Meager et al 1596 R); Islet-cell cytoplasm and GAD in prediction of insulin requirement in NIDDM (UKPDS 25) (Turner et al 1288); Liver-kidney microsomes (LKM1), induced by HCV infection (Vento et al 1298 R); Pregnancy loss due to and mechanisms (Moore 269 N)
Autoimmune diseases Cures and signal transduction data still awaited (symposium) (Abdulla 190 N); Thymoma-associated and spontaneous neutralising antibodies to interferon-α and interleukin-12 in (Meager et al 1596 R)
Autoimmune enteropathy In adults (Corazza et al 106) (Mirakian et al 959 C) (Biagi and Corazza 960 C)
Autoimmune haemolytic anaemia Severe, mycophenolate mofetil therapy (Zimmer-Molsberger et al

1003 R)
Autoimmune hepatitis type 2 HCV-induced and persistence after HCV clearance (Vento et al 1298 R)
Autoimmune thrombocytopenic purpura Review correspondence (Hauser 368 C) (Proctor et al 368 C); *See also* Idiopathic thrombocytopenic purpura (ITP)
Autoimmunity Sinus node as target and development of cholinergic autoantibodies (Ferrari et al 262 R); *See also* Autoimmune diseases
Awareness Persistent vegetative state and (Zeman 795 S) (Britton 1324 C) (Colover 1324 C)
Azathioprine In multiple sclerosis (Palace and Rothwell 261 R) (Kolar 1033 C)

B

B7 Fusion protein (CTLA4-Ig), in prevention of renal transplantation rejection (Ault 497 N)
Bacille-Calmette-Guérin *see* BCG
Back pain Nerve ingrowth into diseased intervertebral discs causing (Freemont et al 178)
Bacteraemia In pyoderma gangrenosum (case report) (Liu et al 860)
Bacteria Contamination of doctors' pens (Datz et al 1824 R); Growth increased by phosphate in drinking water (Morris 567 N); Sources of hospital contamination (Maley 223 C); *See also individual bacterial genera*
Bacterial vaginosis *see* Vaginosis, bacterial
Bactericidal/permeability-increasing protein (BPI) Recombinant fragment and effect in children with severe meningococcal sepsis (trial) (Giroir et al 1439) (Duncan 1565 Com)
Bakers Poppy tea drinking and poppy-seed addiction (King et al 716 R) (1182 correction) (Trathen and Byers 1858 C) (Drummer et al 1859 C) (Nelson and Hung 1859 C) (Nowack 1859 C)
Baldness Male-pattern, prevention and treatment (Marks 36 N)
Balloon angioplasty Application of interventional radiology (Thomson 354)
Bangladesh Decline in maternal mortality (Ronsmans et al 1810); TB control by DOTS (Grange and Zumla 157 Com) (Chowdhury et al 169) (1108 correction)
Barbiturates In alcohol withdrawal syndrome (Matz 737 C)
BARI (Bypass Angioplasty Revascularisation Investigation) trial Angioplasty *vs* bypass surgery in diabetics (Husten 1147 N)
Barley Fungal contamination and Kashin-Beck disease associated (Chasseur et al 1074 R)
Barr Laboratories Generic warfarin and DuPont's attempts to block sales (Ault 501 N)
Barrett's oesophagus Increasing incidence and possible causes (Prach et al 933 R)
Bartonella henselae Paronychia due to (Sander and Frank 1078 R)
***Bartonella*-like erythrocyte inclusions** In thrombotic thrombocytopenic purpura (Tarantolo et al 1602 R)
Barzelatto, J (822 L)
Basiliximab Prevention of acute cellular rejection in renal transplant recipients, placebo-controlled trial (Nashan et al 1193) (1484 correction)
Bat bites Rabies prophylaxis after puncture wounds and recommendations (Feder et al 1300 R)
BAT industries Expansion and acquisitions despite US compensation deal and smoking-related disease (303 E) (Broughton 890 C) (Gray and Boyle 890 C)
Bat rabies Prophylaxis for suspected exposure (Debbie and Trimarchi 1790 Com)
Batista's procedure Conflicting results of effect on heart failure (Carpentier 456 Com) (Angelini et al 489 R) (Komamura and Miyatake 1327 C) (Chanda et al 1705 C) (Barsotti et al 1706 C) (Bestetti 1706 C) (Kaisers et al 1706 C)
Baxter International Setback for CellPro over stem-cell separator patent battle with (Ault 501 N); Success in stem-cell separator patent case with CellPro Inc and weak backing by FDA for device (Ault 346 N)
Bayer Role in trial for BAYX-1351 (Mitchell 270 N) (964 correction) (Maruhn 1035 C)
B-cells Immune response and vaccine development (Nossal 1316); As possible carriers for PrP^{Sc} prion proteins (Bradbury 1827 N)
BCG Intravesical therapy in bladder cancer and supply problems (O'Reilly 1557 C)
BCG vaccination Effect on development of atopy and cellular/clinical outcomes (Silverman 380 Com) (Aim et al 400)
Bears In Pyrénées as carriers of ticks (Guiserix 596 C)
Beauty parlour stroke syndrome (Nwokolo and Bateman 866 R) (Weintraub 1777 C) (Yuzawa and Nozue 1778 C)
Bedding Killing of house dust mites (Wunsch 1453 N)
Beef On-the-bone, ban in UK (1754 N) (1789 E)
Beer Cardioprotection by (Larkin 645 N)
Behaviour Bad, in adolescents and genetic basis for (McGuffin and Thapar 411 R) (Harding 885 C); Changes in meningioma (case report) (Rackoff 1444); Empathic physician, model (Neuwirth 606 Com); Fear-conditioned and amygdala subsystems functions (Larkin 268 N); Health-care-seeking for chest pain in UK Asians and Europeans (Chaturvedi et al 1578); Stalking, arteriovenous malformation of left frontal lobe associated (case report) (Farnham et al 710) (Phillips 1036 C)
Behçet's disease Presenting with loss of vision, diarrhoea and colitis and interferon treatment (case report) (Grimbacher et al 1818); Pulmonary haemorrhage and oral ulceration (case report) (Buchanan et al 28)
Benign prostatic hyperplasia Watchful waiting *vs* drug therapy (Neal 305 Com)
Benzene Haematological neoplasms associated (Bonn 267 N)
Beta-2-agonists *see* β_2-Adrenergic agonists
Beta-blockers After heart failure, meta-analysis (Bradbury 121 N); Nifedipine *vs* in management of preterm labour (Sawdy et al 265 R)
Beta-cells Growth/function, role of insulin upstream-factor 1 (IUF1) (Hopkins 1523 N)
Betel nut chewing Copper intake and oral submucous fibrosis due to (Meghji et al 220 C)
Bethlem Royal Hospital Bedlam: Custody, Care and Cure 1247-1997 (exhibition) (Murphy 1258)
Bicycling Osteoarthritis of knee improvement after (Bhattarai 1328 C) (Creamer and Hochberg 1328 C)
Bileducts Intrahepatic, congenital dilatation (Caroli's disease) presenting with recurrent cholangitis (case report) (Sandle and Lodge 408); Obstruction in chronic pancreatitis (Mergener and Baillie 1383 S)
Bilharzia *see* Schistosomiasis
Bioengineering Of skin, comparisons and uses (Muhart et al 1142 R)
Biological weapon Iraqi threat (Ramsay 421 N)
Biomedical research Funding increase and Congressional innovations for (US) (Greenberg 791 N); Funding increased in Ireland (Birchard 792 N); NIH funding increase (Greenberg 499 N); Public understanding of advances in UK (Radford 55); Two research networks to be shut in Canada (Kondro 1152 N); UK (Lane 51); *See also* Clinical research; Medical research; Research
Biopsy Application of interventional radiology (Thomson 357)
Biostatistics Discrepant analysis and overrated sensitivities of diagnostic tests (Hilden 902 Com)
Biotechnology Advances and vaccine development (Katz 1767); Investment in vaccine development by Canadian government (Kondro 42 N); *See also* Genetic engineering
Biotechnology companies Successes and failures and UK industry's prospects (Mitchell 270 N) (964 correction) (Maruhn 1035 C)
Birth After transfer of anucleate donor oocyte cytoplasm into recipient eggs (Cohen et al 186 R) (Brenner et al 961 C) (St John and Barratt 961 C); Anniversary of chloroform use and mechanism of action still unknown (Jack 868 N); Magnetic resonance pelvimetry in breech presentation (trial) (Walkinshaw 1791 Com) (van Loon 1799); *See also* Labour; Preterm birth; Preterm labour
Birthing pools Neonatal polycythaemia after use (Austin et al 1445 R)
Birthweight Apolipoprotein A1 relationship (Morlese et al 1823 R); Very low, fertility therapy association (Moore 1080 N); *See also* Low birthweight
Bismuth-123 Cancer therapy with (1302 N)
Bisphosphonate etidronate Corticosteroid-induced osteoporosis prevention (Frankel 495 N)
Bisphosphonates Choice in postmenopausal osteoporosis treatment (Rosen 1340 Com); For pain relief in reflex sympathetic dystrophy (Schott 1117 Com)
Bites Bat, rabies prophylaxis after puncture wounds and recommendations (Feder et al 1300 R); Lyme disease prevention by antibiotic prophylaxis after tick bites (Dennis and Meltzer 1191 Com); Swan and antibiotic prophylaxis (Ebrey and Hayek 340 R)
Bladder Hyperreflexia, suppression by intravesical resiniferatoxin (Cruz et al 640 R)
Bladder cancer Progression model (conference) (Bradbury 869 N); Supply problems for intravesical BCG therapy (O'Reilly 1557 C)
Bladder infections *Escherichia coli* evasion from antibiotics by entering macrophage (1080 N)
BLEED Emergency room evaluation technique for gastrointestinal bleeding (McCarthy 496 N)
Blindness Diabetes-related (Klein and Klein 199 S); Retinopathy of prematurity causing (Gilbert et al 12)
Blood Methicillin resistant *S aureus* in isolates from (Speller et al 323) (Williams 885 C) (Namnyak 1326 C) (Bevan et al 1327 C)
Blood agency Canada, funding agreed for establishment (Kondro 873 N); *See also* Blood transfusions
Blood donors Blood product recall after exposure to tick-borne disease (121 N); Diphtheria immunity (Stark et al 932 R); Recruitment role rejected by Canadian Red Cross and involvement with blood supply ended (Kondro 419 N); *See also* Blood products
Blood gas analysis Gastric tonometry with in estimates of mesenteric ischaemia and splanchnic perfusion (Rhodes et al 413 R)
Blood pressure Control at home in Japanese hypertensives (Matsubayashi et al 290 C); Home-based measurements as early warning of hypertension (Moore 1753 N); Increase associated with sleep-disordered breathing (apnoea/hypopnoea) (Morris 495 N); Measurement, accuracy of DINAMAP monitors (Friedman 217 C); Strict control needed by hypertensive African-Americans (MDRD Group Study) (Macready 787 N)
Blood products Canada's tainted blood inquiry developments (Kondro 1012 N); Canada's tainted blood inquiry report (Krever) (Kondro 1688 N); HCV-contaminated, liver disease/cancer mortality in haemophiliacs (Darby et al 1425); HCV-contaminated and anger over decision not to prosecute Irish doctors found negligent (Birchard 1308 N); Leucocyte-depleted, to reduce nvCJD risk (1452 N); New variant CJD transmission and concerns for haemophiliacs (Ludlam et al 1704 C); Recall after exposure to tick-borne disease (121 N); *See also* Blood donors, Blood transfusions
Blood transfusions Contaminated in Brazil and sacking of haematologist for reports (Csillag 1085 N); HHV-8 transmission risk (Lefrère et al 217 C); Increased risk of non-Hodgkin's lymphoma (Alexander 1414 Com); Negligence of Canadian Red Cross Society over HIV contamination (Kondro 1154 N); Review of developments in 1997 (Wildmann sIII 27); Vote of no confidence by doctors in Irish service (Birchard 873 N)
Body dysmorphic disorder Muscle dysmorphia (Bradbury 1525 N)
Body shape Fashion models (Tovée et al 1474 C)
Body-mass index NIDDM diagnosis in children (Hopkins 189 N)
Bolivia Identification of Guevara's body and hero's burial in Cuba (Kandela 1154 N)
Bone Density, genetically determined and candidate-gene approach (Greenfield and Goldberg 1263 Com); Metastases, in breast cancer and care (McMenemy and Clark 936 N); Reduced density *see* Osteoporosis; Synovial sarcoma, spectral karyotyping (Cohen et al 1679 R)
"Bone formers" Genetic determination of bone density and (Greenfield and Goldberg 1263 Com)
Bone marrow Suppression by tacrolimus (de-la-Serna-Higuera et al 714 R)
Bone-marrow transplantation Autologous, rheumatoid arthritis remission induction (Joske 337 R) (818 correction); Outcomes in children with leukaemia of matched-sibling and unrelated donors (Hongeng et al 767)
Book reviews *see* Media reviews
Books Thefts and curses to reduce (Sharp 1192 Com) (Neelon 1245) (MacLean 1860 C)
Bordetella pertussis Toxin and molecular approach to vaccine development (Moxon 1241); *See also* Pertussis vaccine
Borna disease virus Absence of BDV-specific RNA in psychiatric patients (Lieb et al 1002 R); Neuropsychiatric disorders associated (Haga et al 592 C) (Nowotny and Windhaber 593 C)
Borrelia burgdorferi Infection in patients with suspected myocardial infarction (Oksi et al 1447 R)
Bosnia-Herzegovina Landmine casualties and health care problems in divided country (Bower 1011 N)
Bottlefeeding *see under* Infant feeding
Bovine spongiform encephalopathy (BSE) Evidence for link with nvCJD by transmission of prion proteins to mice (Bradbury 1007 N); Maternal transmission minimal (788 N); Occupational exposure in farmers not supported by prion protein type (Hill et al 188 R); Struggle to regain consumers' confidence after (Mitchell 1234 N); *See also* Creutzfeldt-Jakob disease (CJD)
Boxers Apo E ε4 allele (121 N)
Boys Haemophiliac, mortality from liver disease and liver cancer after HCV-contaminated blood products (Darby et al 1425); Smoking related to tobacco sponsorship of motor racing (Charlton et al 1474 C); *See also* Adolescents
Bradykinin Bronchoconstriction induced by and effect of L-NMMA on in asthma (Ricciardolo et al 1297 R); Sensitivity after regular salbutamol use in asthmatics (Crowther et al 1450 R)
Brain Activity in hysterical paralysis (Larkin 568 N); Injury at birth and early psychiatric disease (Dawson 936 N); MRI in premature infants (Evans

et al 522 C); Prion protein transport mechanism (Bradbury 718 N); Squirrel, consumption and CJD association (Berger et al 642 R); Worrying associated with right hemisphere (1303 N); *See also entries beginning Cerebral*
Brain ischaemia Diffusion changes and comparison with status epilepticus (Wieschmann et al 493 R)
Brain tumours Meningiomas *see* Meningioma
Brassiodol (iodised rapeseed oil) Eradication of endemic goitre (Ingenbleek et al 1542)
Brazil Cigarette manufacturer fined over premature death of smoker (Csillag 1014 N); Haematologist sacked for reporting infections from contaminated blood transfusions (Csillag 1085 N); HIV drug resistance (Csillag 937 N); Measles outbreak (Csillag 572 N); New anatomical terminology approved by international federation (Csillag 724 N); Violence in Rio de Janeiro and fears of doctors (Csillag 126 N)
***BRCA1* gene** (Mittra and Naresh sIII 17); Breast Cancer Linkage Consortium report (Foulkes 365 C) (Naresh 365 C) (Swift 365 C); Deletional mutations (1372 N); Differences in phenotypic expression of mutation in twins (Diez et al 713 R); Genetic testing acceptability (Bradbury 936 N); Logistic regression analysis and breast cancer probability (Vaidya and Baum 1784 C); Mode of action (Rowe 789 N); New mutations found and implications (Bonn 1147 N); *p*53 mutations in familial breast cancer (Crook et al 638 R) (Eisinger et al 1101 C)
***BRCA2* gene** Breast Cancer Linkage Consortium report (Foulkes 365 C) (Naresh 365 C) (Swift 365 C); Genetic testing acceptability (Bradbury 936 N); New mutation in Ashkenazi Jewish family with breast and ovarian cancer (Robso and Offit 117 R)
Breast Malignant *vs* benign lumps, T-scan not approved by FDA (Ault 1604 N); Self-examination, FDA approval for Sensor Pad aid (Ault 1604 N)
Breast cancer Aggressiveness and HRT (Holli et al 1704 C); Aromatase inhibitors and benefits (Bonn 194 N); Bimodal distribution of relapses after chemotherapy, modelling (Bonn 1304 N); Bone metastases and care (de-la-Serna-Higuera et al 714 R); *BRCA1* mutation and logistic regression analysis (Vaidya and Baum 1784 C); Canadian National Breast Screening Study (Kopans 810 C); Differential diagnosis by MRI (Bradbury 35 N); Family history after treatment of Hodgkin's disease in childhood (Bhatia et al 888 C); Fear out of proportion to risk and need for improved risk communication (1563 E); Genetics and Breast Cancer Linkage Consortium report (Foulkes 365 C) (Naresh 365 C) (Swift 365 C); Genotype interaction with melanoma genotype (Hemminki and Vaittinen 931 R); HRT-associated risk and inaccurate release of drug-safety information (1041 E) (McNamee 1646 Com); HRT-associated risk and meta-analysis results (LaCroix and Burke 1042 Com) (Collaborative Group on Hormonal Factors in Breast Cancer 1047) (1484 correction) (Gray 1627 C) (Gruber et al 1628 C) (Holli et al 1704 C); HRT-associated risk and role of Imperial Cancer Research Fund in information release (Horton 1043 Com) (Cohen et al 1626 C) (Nurse 1626 C) (Horton 1627 C) (Whitehead and Godfree 1627 C) (McNamee 1646 Com); Human recombinant interleukin-11 for prevention of chemotherapy-associated thrombocytopenia (Ault 416 N); Impact of adjuvant therapy on quality of life (298 correction); Intradermal blue dye for identification of sentinel lymph node (Borgstein 958 C) (Giuliano 958 C); Mathematical modelling of therapy and benefits of chemotherapy to T3 tumours not T1 tumours (Bonn 1304 N); National screening programme to start in Denmark (Skovman 196 N); New *BRCA2* mutation in Ashkenazi Jewish family (Robso and Offit 117 R); No evidence of risk of poor pregnancy outcome after treatment (Kroman e tal 319); Oral chemotherapy phase-II trials (conference report) (McMenemy and Clark 936 N); *p*53 mutations in *BRCA1*-associated cancer (Crook et al 638 R) (Eisinger et al 1101 C); Post-mastectomy radiotherapy and survival improvements (Yarnold 1415 Com); Pre-operative chemotherapy to reduce tumour size (Bonn 35 N); Reassessment, rate of interval cancers, resource allocation and suspension of radiologists for failure to diagnose cancers (UK) (Baum 810 C); Research funding by US Post Office surcharge on stamps (377 E) (Goodman 1101 C) (Bodai 1102 C); Risk in ataxia telangiectasia (Werneke 739 C) (Swift 740 C); Risk increased by calcium antagonists (Moore 1227 N); Risk linked to alcohol consumption (Wunsch 1525 N); Risk with new *BRCA1* mutations (Bonn 1147 N); Risk and postmenopausal weight gain relationship (Bonn 1371 N); Risk reduced by high intakes of phyto-oestrogens (equol and enterolactone) (Messina et al 971 Com) (Ingram et al 990); Risk in young adult twins, prenatal/genetic aetiology (Swerdlow et al 1723); Screening *see* Mammography; Sentinel node biopsy (Atkins and Warshaw 808 C) (Nieweg et al 808 C) (Torné and Iglesias 808 C) (Veronesi 809 C); Survival improved by local radiotherapy after mastectomy (McNamee 867 N); Tamoxifen with chemotherapy of benefit (Wunsch 1604 N)
Breast Cancer Linkage Consortium Report on breast cancer genetics (Foulkes 365 C) (Naresh 365 C) (Swift 365 C)
Breast implant Dow Chemical liability in case (Rovner 648 N); *See also* Silicone breast implants
Breast tumours Benign and malignant, diagnosis by MRI (Bradbury 35 N); Malignant *vs* benign lumps, T-scan not approved by FDA (Ault 1604 N); *See also* Breast cancer
Breastfeeding Late postnatal transmission of HIV (Van de Perre et al 221 C); NIDDM incidence reduced (Simmons 157 Com) (Pettitt et al 166) (Huang et al 889 C)
Breastmilk Lead in and dental caries in children due to (Larkin 789 N)
Breath odour Multidisciplinary clinic (Delanghe et al 187 R)
Breathing Sleep-disordered and blood pressure increase associated (Morris 495 N)
Breathlessness In pericardial constriction (case report) (Lowe et al 1000)
Breech presentation Magnetic resonance pelvimetry (trial) (Walkinshaw 1791 Com) (van Loon 1799)
Bristol-Myers Squibb Call for premature halting of trial of paclitaxel in ovarian cancer (Gore et al 370 C) (Perren 370 C) (Calvert et al 371 C) (Rustin and Crowther 371 C)
British American Tobacco *see* BAT Industries
British HIV Association Guidelines for antiretroviral treatment of HIV (818 correction)
British Medical Association (BMA) Alleged sale of details of members to businesses (529 E)
British Medical Journal Quality-assurance procedures for drug advertisements (Vitry and Mansfield 1477 C) (Ailiot 1636 C)
British Menopause Society Conference and HRT trials results (Szarewski 37 N)
British Orthopaedic Association Report on unnecessary deaths of trauma patients (Murphy 119 N)
British Society for Antimicrobial Chemotherapy (BSAC) Recommendations for amoxycillin prophylaxis of endocarditis (Littler et al 1100 C)
Bromocriptine Metabolic beneficial effects on glucose, fatty acids and lipids (Hopkins 1372 N); Tolcapone *vs* levodopa-treated Parkinson's disease (Agid et al 712 R)
Bromuntan As new doping agent (Burnat et al 963 C)
Bronchial carcinoid Diarrhoea and double vision in (Maxwell 298 C)
Bronchial carcinoma *see* Lung cancer
Bronchial secretions Nocturnal cough associated with sputum production (Zheng et al 864 R)
Bronchoconstriction Bradykinin-induced and effect of L-NMMA on in asthma (Ricciardolo et al 1297 R)
Bronchodilators In acute asthma (Lipworth sII18); Desensitisation susceptibility linked to β_2-adrenoceptor polymorphism in asthmatics (Tan et al 995)
Bronchoprotection By nitric oxide and impairment of release in asthma (Ricciardolo et al 1297 R)
Bronchoscope Contamination and tuberculosis outbreaks after (Larkin 1009 N)
Brundtland, G H As candidate for WHO Director General position (McGregor 1085 N)
Bufenolide Circulating, in plasma from volume-expanded patient and role in sodium pump regulation (Wright et al 409 R)
Buildings Cytogenetic effects of chronic low-dose gamma-radiation exposure from (Chang et al 330); *See also* Architecture
Bupivacaine Epidural, phantom limb pain prevention (trial) (Katz 1338 Com) (Nikolajsen et al 1353; Mitochondrial myopathy treatment (Bradbury 119 N)
Business MBA degrees for physicians (Kuo 828 Com)
Butyryl-cholinesterase gene Alzheimer's disease association with variant (McCarthy 1149 N)

C

5C8 infusion Renal transplantation rejection prevention (Ault 497 N)
cA2 monoclonal antibody Crohn's disease treatment trial (1148 N)
CADASIL *Notch3* mutations clustering and potential for diagnostic testing (Goates and Morris 1490 Com) (Joutel et al 1511)
Caecostomy Endotracheal tube and use of tennis ball (Harries et al 934 R)
Caffeine Effect absent in knockout mice lacking adenosine A_{2A} receptor (Larkin 497 N)
Calcimimetic drugs Hyperparathyroidism in postmenopausal women managed by (Moore 1605 N)
Calcitonin spray In osteoporosis, interim trial analysis (Raisz 868 N)
Calcium antagonists Breast-cancer risk increased (Moore 1227 N); Effect on intellectual function (Bonn 1753 N); Isradipine causing increased glycosylated haemoglobin and risk of cardiovascular events after (Byington et al 1075 R); Preterm labour management (Lockwood 1339 Com)
Calman, Sir K Appointment as Vice-Chancellor of Durham University (1084 N)
"Calmanisation" Medical training reforms in UK and implications (Barber 974 Com) (Alberti and London 1850 C) (Allison et al 1850 C) (Goodman 1850 C) (Alexander 1851 C) (Elkeles 1851 C) (Hobbs 1851 C) (Calman 1852 C) (Daggett 1852 C)
Calorie restrictions Longevity association (Finkel 1150 N)
Cambodia Coup d'etat and suspension of humanitarian aid (Ivker 274 N); HIV infection (Müller et al 288 C)
Camptothecin Efficacy in progressive multifocal leucoencephalopathy (O'Reilly 291 C) (Vollmer-Haase et al 291 C); *See also* Irinotecan hydrochloride
Canada AIDS costs (Kondro 1608 N); Antiabortion campaign leads to shootings (Kondro 1528 N); Blood donor recruitment role rejected by Canadian Red Cross and involvement with blood supply ended (Kondro 419 N); Confinement of pregnant woman "out-of-line" and "no fetal rights" ruling (Kondro 1377 N); Cost of blood agency to be shared by federal and provincial governments (Kondro 873 N); Doctors rights' upheld over practising in underserviced areas (Kondro 501 N); Euthanasia/doctor-assisted suicide issues and conviction (Kondro 1458 N); Genome sequence centre for cancer research/treatment (1153 N); Legislative limits needed for Health Information Network to protect privacy of medical records (Kondro 1085 N); Mental-health outreach programme planned (Kondro 1232 N); Paraoxonase-2 G148 variant in aboriginal girl with NIDDM (Hegele et al 785 R); Reduced sentence for farmer over "mercy-killing" of daughter with cerebral palsy (Kondro 1758 N); Research code of ethics sought (Kondro 794 N); Research funding programme and initiative delayed (Kondro 792 N); Review of research cuts ordered by government (Kondro 347 N); Sexual intercourse by emergency-room doctors (Kondro 942 N); Tainted blood inquiry and Krever report on (Kondro 1688 N); Tainted blood inquiry may make findings of misconduct and report expected (Kondro 1012 N); Therapeutic use of marijuana allowed by judge (Kondro 1832 N); Toxoplasmosis outbreak associated with municipal drinking water (Johnstone 125 C (Bowie et al 173) (Bowie 1256 C); Two research networks to be discontinued (Kondro 1152 N); Vaccine biotechnology investment (Kondro 42 N); "Whistle-blowing" law for warning police of threats of serious harm from patients (Kondro 1376 N)
Canadian National Breast Screening Study (Kopans 810 C)
Canadian Red Cross Blood donor recruitment role rejected and involvement with blood supply ended (Kondro 419 N); Negligence finding in contaminated blood transfusion case (Kondro 1154 N); Negotiations over new blood agency in Canada (Kondro 873 N)
Cancer α-emitter therapy (1302 N); Chloroform from chlorine water treatment linked to (Morris 567 N); Costs at European Conference of Economics of Cancer (Kiebert and Hutton 1689 N); Genome sequence research centre in Canada (1153 N); Institute of Cancer Research chairman appointed (940 N); Japanese Ministry warning to drug company over idamycin (1376 N); "Miracle healer" sentenced in Germany (Durand de Bousingen 874 N); Molecular staging and detection of gene deletions in metastatic tumour cells (Pack et al 164 R) (Caldas 231 Com) (Anderson 962 C) (Baum and Vaidya 962 C); Monoclonal antibody treatment of non-Hodgkin's lymphoma (Ault 416 N); Mortality in diabetics (Balkau et al 1680 R); Occult in bilateral deep-vein thrombosis (Rance et al 1448 R); Palliative medicine in and omission from *The Lancet* supplement (Stone and Hardy 296 C); Pesticide-induced, low risk (1524 N); Prevention, WCRF report and recommendations on diet (Morris 1007 N); Red meat linked in COMA report (Dawson 1007 N); Research grant applications sought by Middle East Cancer Consortium (MECC) (Fishman 501 N); Research misconduct at Karolinska Institute (Atterstam 643 N); Review of developments in 1997 (Mittra and Naresh sIII 17); Risk with diesel fuel exhaust emissions (Farmer 1118 Com); Screening by whole-body ^{18}F-fluorodeoxyglucose PET (Yasuda and Shohtsu 1819 R); Second in children, radiation and genetic risk factors (Kony et al 91) (Bhatia et al 888 C); Secondary after testicular cancer treatment and need for surveillance (Bonn 1080 N); Surgery role in, omission from *Lancet* sup-

plement (Taylor 149 C); Vaccines, Canadian government's investment (Kondro 42 N); "War against cancer" (in *Lancet* supplement) and need for strategy changes (Salomon and Ojasoo 891 C); *See also* Chemotherapy; Tumour
Cancer Genome Anatomy Project (CGAP) Website (Larkin 1454 N)
Cancer registry Data in Latvia (Stengrevics 523 N)
Cancer Research Campaign Draft code of practice over tobacco industry funding (1153 N)
Candida albicans New antifungal agent development (Bonn 870 N)
Cannabinoid receptors Distribution, types and actions (Morris 1828 N)
Cannabinoid system Endogenous (Morris 1828 N)
Cannabis Attitudes in Switzerland (McGregor 572 N); Potential therapeutic uses, mechanism of action and need for trials (Morris 1828 N); Survey of use in Ireland (Birchard 1457 N); Therapeutic use allowed by Canadian judge (Kondro 1832 N)
Capsaicin analogue Resiniferatoxin for suppression of bladder hyperreflexia (Cruz et al 640 R)
CAPTURE trial Abciximab during coronary intervention in unstable angina (Umans et al 445 C) (744 correction)
Carbapenem *Klebsiella pneumoniae* resistance (MacKenzie et al 783 R)
Carbon monoxide Poisoning mechanism based on nitric oxide release (Bonn 1008 N)
Carcinogenesis Risk with diesel fuel exhaust emissions (Farmer 1118 Com)
Cardiac arrest In-hospital and magnesium supplementation effect (MAGIC trial) (Thel et al 1272)
Cardiac arrhythmias Non-sedating antihistamines causing (Cohen 69 C) (Himmel et al 69 C) (Lindquist and Edwards 69 C) (Rankin 1115 Com) (Dearlove and Wesson 1857 C)
Cardiac auscultation Training improvements needed for detecting abnormalities (Larkin 719 N)
Cardiac autonomic activity Community and overtime association in Tokyo (Kageyama et al 639 R)
Cardiac deaths Earthquakes increasing (1452 N)
Cardiac index Left ventricular volume reduction effect (Carpentier 456 Com) (Angelini et al 489 R) (Komamura and Miyatake 1327 C) (Chanda et al 1705 C) (Barsotti et al 1706 C) (Bestetti 1706 C) (Kaisers et al 1706 C)
Cardiac interventions New inventions (conference) (Fishman 268 N)
Cardiac rehabilitation Psychosocial, after myocardial infarction (Irving 457 Com) (Frasure-Smith et al 473) (Lewin et al 1400 C) (McGee and Horgan 1400 C) (Frasure-Smith and Lespérance 1401 C)
Cardiac surgery Assessment of results by variable life-adjusted display (VLAD) plots (Sergeant and Meyns 1114 Com) (Lovegrove et al 1128)
Cardiology Access of elderly to advances (Lye 1162) (Hood et al 1779 C); Review of developments in 1997 (Narins and Topol sIII 2)
Cardiomyopathy Diabetic (Feener and King sI10); Dilated *see* Dilated cardiomyopathy; Hypertrophy (HCM) *see* Hypertrophic cardiomyopathy
Cardioprotection Wine and beer (Larkin 645 N)
Cardiorespiratory arrest Intubation during (Steeples 1402 C)
Cardiovascular disease Alcohol relationship (Novartis Foundation Symposium) (Abdulla 1148 N); In diabetes *see under* Diabetes mellitus; European Society meeting and adverse reports on drugs (MCI-154 and Dofetilide) (Husten 719 N); In hypertension linked to sodium sensitivity (Morimoto et al 1734); Increase use of aspirin advised by American Heart Association (AHA) (Bradbury 1301 N); Lay diagnosis and health-care-seeking behaviour for chest pain in south Asians and Europeans in UK (Chaturvedi et al 1578); As leading cause of death and need for "social re-engineering" and risk factors linked (Huston 121 N); Mortality in diabetics (Balkau et al 1680 R); Mortality prediction by pulse pressure (Bradbury 1753 N); Reduced risk and impact of total cholesterol in very elderly (Weverling-Rijnsburger et al 1119) (Jónsson et al 1778 C); Research funding under FP5 programme (1261 E); Risk and effect of education on, Italian project (Roncaglioni et al 1557 C); Risk with MTHFR mutation (Wilcken 603 Com) (Rizzari et al 1479 C); Risk in women and need for improved risk communication by media (1563 E); *See also* Coronary heart disease (CHD); Ischaemic heart disease
Cardiovascular events Isradipine-linked increased glycosylated haemoglobin associated (Byington et al 1075 R); Sodium sensitivity in essential hypertension and (Morimoto et al 1734)
Cardiovascular genes Cloning and expression (conference) (Grace 1826 N)
Caribbean basin Cervical cancer incidence (Tremont-Lukats and Teixeira 449 C)
Caroli's disease Presentation with recurrent cholangitis (case report) (Sandle and Lodge 408)
β-Carotene Effect on ischaemic heart disease (Leo and Lieber 667 C) (Shahar 667 C) (Violi and Iullano 667 C) (Rapola et al 668 C) (1712 correction); Serum levels in breastfeeding women (West and Hautvast sIII 15)
Carotenes Yellow palms associated with disulfiram use and (Santonastaso et al 266 R) (Lipsky et al 1176 C); *See also* Lycopene
Carotid artery Aberrant internal, in mouth (Tsunoda et al 340 R); Dissection presenting with neck pain and dysgeusia (case report) (Schievink 260)
Carotid atherosclerosis Exacerbation by hopelessness (Fricker 645 N)
Carpets Cleaning in hospitals and bacterial contamination (Maley 223 C)
CASCO trial MCI-154 drug shows no benefits (Husten 719 N)
Case Report Series Addisonian crisis due to secondary adrenocortical failure and water intoxication (Devendra et al 780); Behçet's disease presenting with haemoptysis (Buchanan et al 28); Behçet's disease presenting with loss of vision and diarrhoea and interferon treatment (Grimbacher et al 1818); Caroli's disease presenting with recurrent cholangitis (Sandle and Lodge 408); Carotid artery dissection presenting with neck pain and dysgeusia (Schievink 260); Correction to idiopathic hypothyroidism case (Karsten et al 670 correction); CSF rhinorrhoea (Prior and Kenyon 634); Dengue haemorrhagic fever presenting with pleural effusion, ascites and diarrhoea (Laferi 1072); Episodic ataxia type-2 (EA-2) presenting with sudden ataxia and paraesthesiae (Melberg et al 1220); Erotomania, stalking and epilepsy secondary to arteriovenous malformation in frontal lobe (Farnham et al 710); Heart failure and thick tongue in idiopathic hypothyroidism (Karsten et al 670 correction); Idiopathic megarectum and megacolon due to additional layer of intestinal smooth muscle (Hart et al 110); Iodoform gauze dressings for subclavian abscess causing delirium (Yamasaki et al 1294); Lemierre syndrome presenting with sore throat, septicaemia and respiratory failure (Vohra et al 928); Meningioma presenting with behavioural and neurological signs (Rackoff 1444); Mitochondrial disease presenting with stroke and nature of mtDNA mutations (Chinnery et al 560); Paraneoplastic syndrome in young girl due to teratoma and presenting with acute confusion (Okamura et al 488); Pericardial constriction (calcification) presenting with hepatosplenomegaly and breathlessness (Lowe et al 1000); Pituitary apoplexy presenting with acute headache due to pituitary macroadenoma (Embil et al 182); Poliovirus vaccine-associated paralytic disease presenting with encephalitis in infant with hypogammaglobulinaemia (Yeung et al 1594); Psittacosis presenting with fever, haematuria, proteinuria and glomerulonephritis (Chang and Veitch 1674); Pyoderma gangrenosum presenting with pustules and bacteraemia (Liu et al 860); Renal artery occlusion resulting in lightheaded spells and hypertension (Kudva and Young 1140); Spigelian hernia presenting as painful groin "lipoma" in patient with Dercum's disease (Harris et al 334); Stroke and myocardial infarction due to raised lipoprotein(a) (372 correction); Temporal lobe abnormality and arteriovenous malformation presenting with sexual seizures (Reading and Will 1746); Wallenberg's syndrome in child after hyperextension of neck from rope swing (Toelle et al 1516); Whipple's disease with obstruction of humeral artery (Hastier et al 1362)
Case Report Series, correspondence Diarrhoea and double vision in bronchial carcinoid (Maxwell 298 C); Erotomania, stalking and epilepsy due to arteriovenous malformation (Phillips 1036 C); Leishmaniasis mimicking dermatomyositis (Galanakis et al 368 C); Mitochondrial disease presenting with stroke and nature of mtDNA mutations (Chinnery et al 1402 C) (Loftus and McCarron 1402 C); Paraneoplastic syndrome in young girl due to teratoma and presenting with acute confusion (Duyff 1250 C) (Okamura et al 1250 C) (Schiffman et al 1251 C); Pericardial constriction (calcification) presenting with hepatosplenomegaly and breathlessness (Bernabei et al 1782 C) (Chambers and Rimington 1782 C)
Case-control study Measles vaccination and inflammatory bowel disease (Feeney et al 764) (Feeney et al 1774 C) (Montgomery et al 1774 C) (Van Damme et al 1774 C) (Iizuka and Masamune 1775 C); Nested, non-Hodgkin's lymphoma association with organochlorine residues (Rothman et al 240)
Cassava Kit for detecting cyanide in (Kigotho 1081 N)
CAST trial (Chinese Acute Stroke Trial) Interpretation (Barer 440 C) (Bradford et al 440 C) (Cohen 440 C) (Czlonkowska et al 441 C) (Ricci et al 441 C) (Lip and Beevers 442 C) (Strandberg and Tilvis 442 C) (Ellis 443 C) (Sandercock et al 443 C) (Tan 443 C) (Bousser 444 C) (Chen et al 444 C)
Cataracts In diabetics (Klein and Klein 199 S); Risk increased by inhaled corticosteroids (Moore 120 N)
Catfish Dioxin concentrations in US (Ault 267 N)
Catheters Antiseptic and antibiotic coatings cut risk of infections (McCarthy 496 N)
CCR2 chemokine receptor AIDS resistance due to mutations (496 N)
CCR5 gene 32-base pair deletion in HIV infection (Michael et al 741 C) (Smith et al 741 C) (Garred et al 742 C) (Wang et al 742 C)
CD4 antigen Monoclonal antibodies, rheumatoid arthritis therapy (Isaacs 1524 N)
CD4 cells HIV infection blocked by chemokine encoded by HHV8 (1080 N); Recovery after highly-active antiretroviral therapy (HAART) in HIV infection (Rowe 720 N); *See also* T-cells
CD28 Function, blockade in graft rejection prevention (Rowe 1526 N)
CD40 ligand (CD40L) 5C8 mAb in prevention of renal transplantation rejection (Ault 497 N); Blockade in graft rejection prevention (Henry sIII 28) (Rowe 1526 N)
CD48 *Escherichia coli* binding to and residence in macrophage to evade antibiotic therapy (1080 N)
CD54 (ICAM-1) *see* ICAM-1 (CD54)
Celgene Thalidomide "approvable" by FDA (1086 N)
CellPro Inc Setback in stem-cell separator patent battle with Baxter (Ault 501 N); Stem-cell separator patent case with Baxter International lost (Ault 346 N)
Centers for Disease Control and Prevention (CDC) Education needed to improve influenza vaccination rates (Bonn 717 N); Multidrug resistant tuberculosis and global hot spots (Macready 1302 N)
Central African Republic High tuberculosis mortality rates (Garin et al 1298 R)
Central and Eastern Europe (CEE) Mortality comparison with European countries and influence of environmental factors (Krzyzanowski and Bobak 1255 C)
Centre for International Health and Co-operation (CIHC) Humanitarian aid diplomas awarded (Birchard 500 N)
Cerebral arteriovenous malformation Spontaneous haemorrhage risk after diagnosis (Mast et al 1065)
Cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy *see* CADASIL
Cerebral cortex Sensory motor, localisation during surgery by changes of cortical temperature after median nerve stimulation (Ueda et al 561 R)
Cerebral flood flow In migraine and effect of centrifugation by ice skaters/dancers (Schmidt 1145 R)
Cerebral haemorrhage Spontaneous, risk after diagnosis of cerebral arteriovenous malformation (Mast et al 1065); *See also* Intracerebral haemorrhage
Cerebral hemisphere Right, worrying associated (1303 N)
Cerebral infarcts In mitochondrial disease (case report) (Chinnery et al 560) (Chinnery et al 1402 C) (Loftus and McCarron 1402 C)
Cerebral palsy Reduced sentence for farmer over "mercy-killing" of daughter with (Kondro 1758 N); Risk reduced by magnesium sulphate but increased mortality (Bennett and Edwards 1491 Com) (Mittendorf et al 1517 R)
Cerebrospinal fluid C3 and factor B, in meningitis (892 correction); Glycosylation of acetylcholinesterase as diagnostic marker for Alzheimer's disease (Sáez-Valero et al 929 R); Indinavir in, in HIV-1-infected patients (Stähle et al 1823 R); Methicillin resistant *S aureus* in isolates from (Speller et al 323) (Williams 885 C) (Namnyak 1326 C) (Bevan et al 1327 C); Rhinorrhoea (case report) (Prior and Kenyon 634); Tau protein and aspartate aminotransferase in and Alzheimer's disease diagnosis (Riemenschneider et al 784 R)
Cerebrovascular disease Cold exposure and winter mortality in Europe (MacKenzie 590 C) (Bobak 591 C) (Keatinge and Donaldson 591 C) (Mather et al 591 C); Lower-limb arterial disease association (Golledge 1459 S); Mortality in diabetics (Balkau et al 1680 R); *See also* Stroke
Cervical cancer Adenocarcinoma in situ, clinical management (Johnston 1337 Com); Antigens associated (conference) (Bradbury 869 N); Incidence decrease in some countries but not Latin American and Caribbean basin (Tremont-Lukats and Teixeira 449 C); Increase in Finland (Harrison and Seppälä sIII 16); Screening errors/problems and future role of PAPNET and automated tests (Fricker 1010 N); Screening problems and UK report calling for re-reading of tests (Bradbury 1227 N); Stage Ib-IIa, radical surgery *vs* radiotherapy (Soutter 532 Com) (Landoni et al 535) (Harrington and Thomas 1179 C) (Millar 1179 C)
Cervical smears *see* Cervical cancer screening; Pap smear

Cervix HIV shedding and factors influencing (Mostad et al 922)
CFC *see* Chlorofluorocarbons
Chagas' disease Cholinergic autoantibodies and sinus-node dysfunction (Ferrari et al 262 R)
Channelopathies (Wokke and van Gijn sIII 14)
CHAOS study α-Tocopherol in coronary heart disease (Violi and Iullano 667 C) (Rapola et al 668 C)
CHART schedule Conventional radiotherapy *vs* in non-small-cell lung cancer (Vokes 156 com) (Saunders et al 161) (Papac 888 C) (Würschmidt and Heilmann 888 C)
"Cheetah" therapy In HIV infection (Kigotho 1009 N)
Chekhov, A. Biography (Horton sIII 13)
Chemokines CCR2 receptor mutations and AIDS resistance associated (496 N); Encoded by HHV8 and causing blocking of HIV infection of CD4 cells (1080 N); Macrophage-derived, in suppression of HIV infection (1302 N)
Chemotherapy Adjuvant, localised resectable soft-tissue sarcoma of adults (Sarcoma Meta-analysis Collaboration 1647); High-dose and constrictive pericarditis after (Tulleken et al 1601 R); Induction of multidrug resistance proteins and complementation of defective CFTR in cystic fibrosis (Lallemand et al 711 R); Irinotecan hydrochloride and deaths from side-effects (Akabayashi 124 N); Pre-operative, in breast cancer (Bonn 35 N); Shorter treatments for Non-Hodgkin's lymphoma (McCarthy 1373 N); Simplified *vs* complex schedules for osteosarcoma and effect on outcome (Blum 900 Com) (Souhami et al 911); Tamoxifen with in breast cancer (Wunsch 1604 N); Testicular tissue removal/storage prior to (940 N); Thrombocytopenia prevention by human recombinant interleukin-11 (Ault 416 N)
Chest pain Lay diagnosis and health-care-seeking behaviour in south Asians and Europeans in UK (Chaturvedi et al 1578); *See also* Angina pectoris
Chickens Avian H5N1 influenza virus strain transmitted from (Bonn 717 N) (1754 N); Vancomycin-resistant enterococci (Hoeffler and Zimmermann 739 C) (Woodford et al 739 C) (Nelson 1327 C)
Chief Medical Officer Calman, Sir K. to stand down (1084 N)
Child abuse Mandatory reporting plan dropped in Ireland (Birchard 1154 N)
Child labour Health effects (Parker 1395); Recommendations for international standards in *Social Accountability 8000* document (1187 E)
Childbirth see Birth
Children Albendazole and ivermectin alone *vs* combined therapy for *Wuchereria bancrofti* microfilaraemia (Addiss et al 480) (1036 correction); Asthma epidemiology (Sears 1015 S); Atopic dermatitis due to cow dander (Szczepanski and Mühlendahl 114 R); Blindness due to retinopathy of prematurity (Gilbert et al 12); Bone marrow transplantation outcome with matched-sibling and unrelated donors (Hongeng et al 767); Chronic condition, end-of-life care discussions with doctors and barriers to (Macready 1754 N); Chronic renal failure progression and effect of low-protein diet (Locatelli 145 C) (Ledermann et al 146 C) (Nonoguchi et al 146 C); Cystic fibrosis and stool elastase as diagnostic test for pancreatic function (Wallis et al 1001 R); Dental caries associated with lead in mother's milk (Larkin 789 N); Development delay due to methylmercury exposure (Moore 1453 N); Drug abuse, FDA approval sought for home test to detect (1086 N); Drug studies required by FDA (Ault 573 N); Education in Kenya disrupted by bilharzia (Kigotho 573 N); Effects of recombinant fragment of bactericidal/permeability-increasing protein (BPI) in meningococcal sepsis (trial) (Giroir et al 1439) (Duncan 1565 Com); Febrile, restrictive criteria for empirical use of antibiotics (Stamos and Shulman 84 Com) (Pollard et al 811 C); Free health care in Sweden (Awuonda 873 N); Group A streptococcal throat infections and guidelines for treatment (Kaplan 899 Com) (Steinhoff et al 918); Hemispherectomy of benefit in progressive unilateral cortical disease (Larkin 417 N); Hepatitis B morbidity reduced by nationwide immunisation campaign in Italy (Squarcione et al 114 R); Idiopathic thrombocytopenic purpura treatment guidelines (Corrigan 602 Com) (Bolton-Maggs and Moon 620) (Davis and Raffles 1252 C) (O[*]zsoylu 1252 C); Integrated management of illness (von Mühlendahl sIII 19) (Costello 1266 Com); Lipid profile changes due to passive smoking (Moore 718 N); Morbidity/mortality associated with parental smoking (Moore 190 N); Mortality in Iraq (Zaidi 1105 C); Nasal influenza vaccine effectiveness (Bonn 191 N); NIDDM diagnostic criteria (Hopkins 189 N); Oral morphine management of painful episodes of sickle-cell disease (trial) (Jacobson et al 1358); Pneumonia association with rickets in Ethiopia and Zambia (Smyth and Broderick 811 C); Poor compliance to insulin therapy associated with poor glycaemic control and ketoacidosis (DARTS study) (Morris et al 1505); Pre-operative calming to reduce post-operative anxiety (Larkin 1228 N); Rhesus-human reassortant rotavirus vaccine in prevention of viral gastroenteritis (trial) (Joensuu et al 1205); Routine weighing for at-risk children and exception to inverse care law (Wright 642 R); Royal College recommendations on withholding/withdrawal of curative treatment (1014 N); Second cancers, radiation and genetic risk factors (Kony et al 91) (Bhatia et al 888 C); Severe malaria and transmission intensity concerns (Lines 813 C); Sodium cromoglycate inhalation therapy in moderate asthma (randomised trial) (Tasche et al 1060); Sterilisation of handicapped to be curtailed in Austria (Glass 723 N); Sweat electrolyte levels in atopic dermatitis (Liebke et al 1678 R); Testicular tissue removal/storage prior to chemotherapy (940 N); Wallenberg's syndrome after hyperextension of neck (case report) (Toelle et al 1516); Yeminite, evidence of scandal (Fishman 649 N)
Children's wards Clowning on (Oppenheim et al 1838)
China Executed prisoners' organs for sale (Chelala 1307 N); HIV-1 infection (Neild and Gazzard 963 C); Iodine-deficient areas and effect of iodination of water on infant mortality (DeLong et al 771) (Ronsmans et al 1481 C) (DeLong and Leslie 1482 C) (Pharoah 1482 C); Tobacco-related deaths increased (Bradbury 643 N); Transient population bypassed by polio vaccination programme (Nakano et al 1004 R)
Chinese Elderly protected from heart disease possibly due to green tea (Husten 37 N)
Chinese Acute Stroke Trial (CAST) *see* CAST trial
Chinese herbs Valvular heart disease association (Vanherweghem 1858 C)
Chlamydia pneumoniae Coronary artery disease association and antibiotic treatment (Lip and Beevers 378 Com) (Gurfinkel et al 404) (Anestad et al 1028 C) (Marchioli et al 1028 C) (Gurfinkel and Mautner 1029 C) (Vaughan 1029 C) (Constans et al 1030 C) (Halliwell 1030 C); Eradication and recurrent heart disease risk reduced (Bower 191 N); Previous infection linked to restenosis risk after PTCA (Carlsson et al 1225 R)
Chlamydia psittaci Psittacosis case report (Chang and Veitch 1674)
Chlamydial infection Genital, diagnosis using PCR and ligase chain reaction (Dayan 1303 N)
Chlorine Water treatment, chloroform byproduct and cancer link (Morris 567 N)
Ortho-Chlorobenzylidene malononitrile *see* CS sprays
Chlorofluorocarbons Hydrochlorofluorocarbons as alternatives and hepatotoxicity of (Hoet et al 556) (Rusch 1248 C) (Anders and Dekant 1249 C) (Hoet and Lison 1249 C)
Chloroform Byproduct of water treatment with chlorine and cancer link (Morris 567 N); Mechanism of action unknown and anniversary of first use (J Y Simpson) (Jack 868 N)
Chloroquine False resistance due to poor quality drug and underdosing (Basco et al 224 C)
Cholangitis Non-suppurative destructive *see* Primary biliary cirrhosis; Recurrent in Caroli's disease (case report) (Sandle and Lodge 408)
Cholera Cross-border strategies to combat epidemics in Africa (Kigotho 1457 N); Kenyan epidemic as "national disaster" (Kigotho 1233 N); Street-vended food contamination and food-safety programmes (Estrada-Garcia 1032 C); WHO call for action in Africa (Kigotho 650 N)
Cholestatic hepatitis Moxonidine-induced (Tamm et al 1822 R)
Cholesterol Absorption and plasma levels reduced by sitostanol ester in margarine (Husten 1827 N); Levels of war veterans and coronary risk implications (Gill and Bell 1247 C); Total, decreased impact and risk of mortality in very elderly (Weverling-Rijnsburger et al 1119) (Jónsson et al 1778 C)
Cholesterol-lowering drugs Need for assessment in very elderly with reduced risk of mortality from cardiovascular disease (Weverling-Rijnsburger et al 1119) (Jónsson et al 1778 C); Simvastatin and influence of CYP2D6 polymorphism (Nordin et al 29 R)
Cholinergic activity Increased, effects on naming in aphasia (Tanaka et al 116 R)
Cholinergic autoantibodies in sinus-node dysfunction (Ferrari et al 262 R)
Chondrocytes Culture system approved (FDA) for treatment of femoral cartilage damage (724 N)
Chopsticks *Helicobacter pylori* transmission (Leung et al 31 R)
Chorionic villus sampling Risk of fetal loss with *vs* early amniocentesis (trial) (Sundberg et al 697) (Eiben et al 1253 C) (Gurwitz 1254 C)
Chromium Increased intake beneficial in NIDDM (Bradbury 1453 N)
Chromosomal abnormalities Detection by fetal nuchal translucency test (Neilson 754 Com) (Cuckie 1629 C) (Soothill and Kyle 1629 C) (Grudzinskas and Chard 1630 C) (Makrydimas and Lolis 1630 C) (Monni et al 1631 C) (Neilson 1631 C) (Wald and Rodeck 1632 C); Fetal echocardiography in prediction of (Raymond et al 930 R)
Chromosomes Human artificial (Swift and Shapiro sIII 8)
Chronic obstructive pulmonary disease (COPD) Increased airway responsiveness predictive of development and remission of chronic respiratory symptoms (Xu et al 1431); Susceptibility and gene polymorphism for microsomal epoxide hydrolase (Smith and Harrison 630) (Pirmohamed et al 1553 C) (Smith and Harrison 1553 C) (Paolini and Chieco 1554 C); Treatment (Britton and Knox sIII 24)
Chronobiotics Jet-lag management (Waterhouse et al 1614 S)
Chronotherapy Oxaliplatin/fluorouracil/folinic acid in metastatic colorectal cancer (trial) (Lévi et al 681) (Sandor 1325 C) (Lévi et al 1326 C)
Churg-Strauss syndrome Aminosalicylate-induced (mesalazine) (Morice et al 1105 C); Macrolide-induced in atopic patient (Hübner et al 563 R) (Morice et al 1105 C) (Kränke and Aberer 1551 C) (Hübner et al 1552 C); Zafirlukast associated with (McCarthy 342 N)
Cidofovir Nephrogenic diabetes insipidus due to (Schliefer et al 413 R) (1558 correction)
Cigarerra La Moderna (CLM) Acquisition by BAT Industries and expansion of tobacco manufacture despite US compensation deal (303 E)
Cigarette promotional items (CPIs) Bans would work in US (Bonn 1831 N)
Cigarettes *see* Smoking; Tobacco companies
Circadian rhythms (Waterhouse et al 1611 S); Dyschronism *see* Jet-lag
Circumcision Female *see* Female circumcision
Cirrhosis α_1-Antitrypsin accumulation (Carrell and Lomas 135); HCV-induced and increase in hepatocellular carcinoma in UK (Taylor-Robinson et al 1142 R); *See also* Primary biliary cirrhosis
Citalopram Overdose and toxicity (Personne et al 518 C) (Glassman 818 C)
Civil disturbances CS sprays and safety concerns (Jones 605 Com)
Clara cell 16 (CC16) gene Asthma association (Clark 1008 N)
Claudication, intermittent Treatment (Golledge 1460 S)
Climate Global assessment of disaster burden from El Niño (Bouma et al 1435); Global policies on fossil-fuel combustion and public health improvements (Working Group on Public Health and Fossil-Fuel Combustion 1341); Kyoto meeting *see* Climate Change Meeting (Kyoto); *See also* Global warming
Climate Change Meeting (Kyoto) Health-warning letter to international leaders (Morris 1609 N); Outcome, prospects and national interests (Sharp 1646 Com); Physicians' warning (McCurry 1825 N); Protocol summary (McCurry 1825 N)
Clinical care Aged (Resnick and Marcantonio 1157)
Clinical epidemiology Population-adjusted (PACE) (Engels and Spitz 677 Com)
Clinical research UK (Vallance 52) (Rees 670 C); *See also* Medical research
Clinical trials Abuse of informed consent regulations with psychiatric patients (US) (Greenberg 1083 N); Alzheimer's disease and benefits of (269 N); For antiretroviral agents and inclusion of women (Mangino and Fass 150 C); Ethics of zidovudine trial (in Côte d-Ivoire) to prevent vertical transmission of HIV (Feinmann 1084 N); Fraud *see* Scientific misconduct; Halofuginone and relaxin in fibrosis treatment/prevention (Fishman 570 N); HIV drugs and ethical issues (897 E) (Aaby et al 1546 C) (DeCock et al 1546 C) (Cooper 1547 C) (Semba 1547 C) (Vaughan 1547 C); IL-4 receptors (1827 N); Inclusion of women of child-bearing potential to be mandatory by FDA (1086 N); Interpretation and reference-point problems (Asch and Hershey 1393); Meta-analysis *see* Meta-analysis; Onconase in pancreatic carcinoma (Morris 1755 N); Phase III and generalisations on survival and quality of life from (Fayers and Hand 1025) (Kernick 1781 C) (Thompson and Barber 1781 C); Proposed EU legislation and drug industry concern (rogers 1609 N); Protocol reviews at *The Lancet* (McNamee 6 Com); Reboxetine, results (Magee 36 N); Reduction of vertical transmission of HIV-1 (Kigotho et al 1683 N); Registration of unreported trials and Medical Editors Trial Amnesty (Horton 756 Com) (Tiner 1329 C); Rotavirus vaccines (Vesikari 1538); "Underpowered" trials not necessarily unethical (Edwards et al 804) (Griffiths 1406 C) (1636 correction); *See also* Randomised controlled trials (RCT)

Clinical waste Management principles and disposable syringes' failure of criteria (Battersby 449 C)
Clinicians Academic *see* Academic clinicians
Clitomegaly In infant after in utero exposure to tamoxifen (Tewari et al 183 R)
Clobetasol propionate In cosmetics, regulations in Denmark after illegal use (Skovmand 1528 N)
Clodronate In Gorham's disease (Hagberg et al 1822 R)
Clonidine patch Pseudolymphoma at site (Shelley and Shelley 1223 R)
Cloning, human European support for prohibition (Rogers 1012 N); UK prevarication over ban and delay in signing European Bioethics Convention (Rogers 1151 N)
Cloning, sheep (1789 E)
Clostridium butyricum Necrotising enterocolitis due to and experimental model (Szylit et al 33 R)
Clowning On children's wards (Oppenheim et al 1838)
Clozapine Limbic selectivity (Pilowsky et al 490 R) (Longhurst 1399 C)
CMV *see* Cytomegalovirus (CMV)
Coagulation abnormalities In diabetics, effect of treatment on cardiovascular disease (Webster and Scott sl25)
Coauthor incentive system (CIS) Promotion and calculation of coauthors' contributions (Merz et al 1558 C)
COBRA trial Early combined step-down prednisolone, methotrexate and sulphasalazine *vs* sulphasalazine-only in rheumatoid arthritis (Emery 304 Com) (Boers et al 309)
Coeliac disease Prevalence in Northern Ireland (Johnston et al 1370 R); Screening test (450 correction); Unclassified in adults with villous atrophy (Corazza et al 106) (Mirakian et al 959 C) (Biagi and Corazza 960 C)
Cognitive behaviour therapy Effect on job-finding for unemployed (McManus 80 Com) (Proudfoot et al 96)
Cognitive function Effect of antihypertensive drugs (Bonn 1753 N)
Cold Exposure and winter mortality in Europe (MacKenzie 590 C) (Bobak 591 C) (Keatinge and Donaldson 591 C) (Mather et al 591 C)
Colitis In Behçet's disease (case report) (Grimbacher et al 1818)
Collagen Synthesis inhibition by halofuginone and relaxin, treatment prospects (Fishman 570 N)
Collagen vascular diseases Cause of fever of unknown origin (Arnow and Flaherty 579 S)
Collagenase Endotoxin activity of and effect in islet transplantation (Vargas et al 641 R); Interstitial, induction by UVA-1 phototherapy in morphea fibroblasts (Gruss et al 1295 R)
Colombia Illegal drug use and HIV-1 infection (Miguez et al 1635 C)
Colorectal cancer *APC* mutation predisposing to (Larkin 719 N); Chloroform from chlorine water treatment linked to (Morris 567 N); Endoscopic screening and effect on life expectancy (meeting) (Bhattacharya 1452 N); Hepatic metastases treated by percutaneous MRI-guided laser-induced thermotherapy (Vogl et al 29 R); Long-term colorectal function after postoperative radiotherapy (Lundby et al 564 R); Metastatic, chronotherapy of oxaliplatin/fluorouracil and folinic acid (trial) (Lévi et al 681) (Sandor 1325 C) (Lévi et al 1326 C); Outcome prediction using artificial neural networks (Bottaci et al 469) (Buyse and Piedbois 1175 C) (Drew and Bottaci 1175 C); Red meat link and recommendations for amounts (COMA report) (Dawson 1007 N); Risk reduction by aspirin and possible mechanisms (Featherstone 418 N); Vitamin supplements associated with reduced risk (Macready 1452 N)
Coltec EC Mesalazine formulation, licensing concerns (Forbes and Chadwick 1329 C)

Commentary

ACE inhibitor-induced cough and reduction by thromboxane antagonist (Robinson et al 3)
Ageing essays in *The Lancet* (Sharp 1118)
Alzheimer's disease treatment guidelines (Lovestone et al 232)
Aminoglycosides and single-daily doses (Rodvold et al 1412)
Antibiotic prophylaxis after tick bites to prevent Lyme disease (Dennis and Meltzer 1191)
Antibiotic resistance and spread from acne patients to personal contacts (Bolognia and Edelson 972)
Antibiotics for febrile children and restrictive criteria for empirical use (Stamos and Shulman 84)
Anticipation in genetics, statistical anticipation and/or biological due to trinucleotide repeats amplification (Fraser 459)
Antiphospholipid syndrome and antibody-mediated thrombosis in (Roubey and Hoffman 1491)
Arginine as substrate for nitric oxide synthesis and actions (Chowienczyk and Ritter 901)
Author's responsibility for research and need for authors' contributions to be published and guarantors (Horton 5)
Bacterial vaginosis and HIV transmission in developing countries and role of screening/management (Mayaud 530)
Bat rabies and prophylaxis for suspected exposure (Debbie and Trimarchi 1790)
BCG vaccination, effect on development of atopy and cellular/clinical outcomes (Silverman 380)
Benign prostatic hyperplasia and watchful waiting *vs* drug therapy (Neal 305)
Bisphosphonates for pain relief in reflex sympathetic dystrophy (Schott 1117)
Blood transfusion and risk of non-Hodgkin's lymphoma (Alexander 1414)
Bone density, genetically determined and candidate-gene approach (Greenfield and Goldberg 1263)
Book thefts and curses (Sharp 1192)
Breast cancer and HRT-associated risk (LaCroix and Burke 1042)
Calcium-channel blockers in management of preterm labour (Lockwood 1339)
Cervical adenocarcinoma in situ, clinical management (Johnston 1337)
CHART for non-small-cell lung cancer (Vokes 156)
Cognitive behaviour therapy effect on reducing unemployment (McManus 80)
Committee on Publication Ethics (COPE) meeting on research misconduct and background to establishment (Horton 234)
Coronary artery calcification detected by electron beam CT (eEBCT) (Dixon and Coulden 1265)
Coronary artery disease treatment with antibiotics to eradicate *C pneumoniae* (Lip and Beevers 378)
Coronary heart disease inequalities due to job control and psychosocial work environment (Syme and Balfour 231)
Coronary stenting in acute myocardial infarction (Steinhubl and Topol 532)
Counselling in primary care (Tylee 1643)
CS sprays and safety concerns (Jones 605)
Cytomegalovirus disease in transplant recipients and oral ganciclovir efficacy (Goodrich and Khardori 1718)
Dengue haemorrhagic fever and early indicators (Monath 1719)
Diabetes and heart supplement (Hopkins 160)
Diesel fuel, exhaust emissions and carcinogenic risks (Farmer 1118)
Directly Observed Treatment Short Course, success in Bangladesh and implementation of strategy (Grange and Zumla 157)
Discrepant analysis and overrated sensitivities of diagnostic tests (Hilden 902)
Drug-safety information communications (McNamee 1646)
Dupuytren's contracture, risks and prevention (Frey 1568)
Endothelin antagonists in renal disease (Hendry and James 381)
Etidronate *vs* alendronate for postmenopausal osteoporosis (Rosen 1340)
European perspectives on general medicine (Davidson and Muller 1645)
Fetal nuchal translucency test for Down's syndrome (Neilson 754)
Fibrin glue for bleeding peptic ulcers (Blackstone 679)
Folate intake recommendations (Whitehead and Bates 1642)
General Practice Research Database (GPRD)'s unique value and funding problems (Jick 1045)
Genetic prodrug activation therapy (Martin et al 1793)
Glutamine supplementation in artificial nutritional support (Powell-Tuck 534)
Health inequalities recognised in UK and publication of Office of National Statistics supplement (Scott-Samuel 753)
Hearing loss prevention in meningitis (Kaplan 158)
Heat stroke and predominance of type II muscle fibres (Epstein 83)
Henoch Schönlein purpura and age-related features (Lahita 1116)
HIV combination drug therapy and drug resistance (Katzenstein 970) (1712 correction)
HIV, distinguishing response to HIV vaccine and HIV infection and need for new diagnostic tests (Weber 230)
Homoeopathy trial meta-analysis (Vandenbroucke 824)
Homoeopathy trials, validity of meta-analysis and reasons for good trials (Langman 825)
Hospital waiting lists (UK), referral decision-making and reasons for difficulties in reducing lists (Hamblin et al 1493)
Hypersensitivity vasculitis, sequelae of systemic involvement but good prognosis of skin-limited disease (Swerlick and Lawley 306)
Hyponatraemia in hypothyroidism and role of arginine-vasopressin (Hanna and Scanlon 755)
Hypoxia or hyperoxia in placental insufficiency? (Ahmed and Kilby 825)
Idiopathic thrombocytopenic purpura, treatment in children (Corrigan 602)
Imperial Cancer Research Fund's publicity-seeking image and release of information on breast cancer risk with HRT (Horton 1043)
Inhalation of oilseed rape emissions and health effects (Antó 458)
Insulin-like growth factor 1 (IGF-1) therapy in IDDM (Møller and Ørskov 1188)
Integrated management of childhood illness (Costello 1266)
Intensive-care unit admissions, mortality among referred patients refused admission and need for research (McAllister and Howard Fee 2)
International Congress on Biomedical Peer Review and Global Communications (Prague) and needs of readers and new issues (Horton 898)
Ivermectin reactions after mass treatment of onchocerciasis in region endemic for *Loa loa* (Burnham 2)
Joint National Committee report and guidelines on hypertension treatment (Furberg and Psaty 1413)
Kangaroo-mother care (KMC) (Doyle 1721)
Kyoto global climate meeting, outcome and prospects (Sharp 1646)
The Lancet and Ageing essays (Sharp 1118)
The Lancet ombudsman's first report (Sherwood 4)
The Lancet and Protocol reviews (McNamee 6)
The Lancet series on Issues in Imaging (Sharp 234)
The Lancet series on Vaccines (Horton 1192) (1484 correction)
Left-ventricular volume reduction and conflicting results of effect on heart failure (Carpentier 456)
Listeria monocytogenes meningitis in adults, fatality rate Diagnosis and food-related causes (Calder 307)
Magnesium sulphate use in obstetrics and increased neonatal mortality (Bennett and Edwards 1491)
Malaria resistance/susceptibility and molecular basis for (Makgoba 678)
MBAs for physicians and reasons for increase (Kuo 828)
Medical audit as scientific balance between chaos and structure, and assessment of results of cardiac surgery (Sergeant and Meyns 1114)
Medical Editors Trial Amnesty for previously-unreported trials (Horton 756)
Medical training reforms ("Calmanisation"), working hours under "New Deal" and implications (Barber 974 Com)
Melanocytic intraepidermal neoplasia (MIN) terminology for thin cutaneous malignant melanoma (Skov et al 1264)
Melanoma treatment by tyrosinase-targeted therapy and vitiligo relationship (Song 82)
Meningococcal disease and new therapies (Duncan 1565)
Molecular staging of cancer and detection of gene deletions in metastatic tumour cells (Caldas 231)
MTHFR gene mutation, folate intake and neural tube defect prevention (Wilcken 603)
NIDDM risk reduced by breastfeeding (Simmons 157)
Non-sedating antihistamines and cardiac arrhytmias (Rankin 1115)
Notch3 mutations and potential diagnostic testing for CADASIL (Goates and Morris 1490)
Odour perception in chronic renal disease (Reaich 1191)
Oral contraceptives and balanced view of risks (Spitzer 1566)
Osteosarcoma chemotherapy schedules (simplified *vs* complex) (Blum 900)
PACE (population-adjusted clinical epidemiology) in haematological cancer research (Engels and Spitz 677)
Parturition (human) theories (Schwartz 1792)
Pelvimetry and breech delivery at term (Walkinshaw 1791)
Penicillin-resistant *S pneumoniae* and re-examination of "total resistance" (Goldstein and Garau 233)
Pertussis vaccine queries and trial of two-component/three-component/five-component with whole-cell vaccine (Poland 1564)
Phantom limb pain and trial of epidural bupivacaine and morphine (Katz 1338)
Physician empathy and need to improve communication (Neuwirth 606)
Phyto-oestrogens and breast cancer relationship (Messina et al 971)
Platelet glycoprotein IIIa polymorphism and increased risk of coronary stent thrombosis (Nurden 1189)
Post-mastectomy radiotherapy benefits (Yarnold 1415)
Precocious puberty and indications for investigations

(Elders et al 457)
Primary biliary cirrhosis treatment with methotrexate and search for new agents (LaRusso 1046)
Primary nocturnal enuresis, genetics and management (Super and Postlethwaite 159)
Protocol reviews at *The Lancet* (McNamee 6)
Psychosocial rehabilitation after myocardial infarction (Irving 457)
Pyoderma gangrenosum and treatment (Powell et al 1720)
Radical surgery *vs* radiotherapy in stage Ib-IIa cervical cancer and need for formulation of protocols (Soutter 532)
Randomised controlled trials and informed consent for infant/neonatal trials (Mason et al 1416)
Rheumatoid arthritis treatment with early intensive combined therapy not curative but benefits over sulphasalazine-only therapy (Emery 304)
Russian mortality rate changes for 1984-1994 and possible alcohol consumption involvement (Kromhout et al 379)
Salt restriction for prevention of stroke in elderly (Elliott 825)
Selective oestrogen-receptor modulators (SERMs) (Compston 676)
Sentinel lymph-node biopsy in melanoma (Rivers and Roof 1336)
Small for gestational age infants at greater disadvantage than preterm infants (Lagercrantz 1044)
Spanish drug policy and cost-containment measures (Bastida and Mossialos 679)
Streptococcal throat infections (group A streptococcus) and guidelines for treatment (Kaplan 899)
Surgical gloves and hazards of starch powder and latex proteins (Poole 973)
Systematic geriatric assessment effects (Schroll 604)
Testicular cancer aetiology (Parker 827)
Total lymphoid irradiation not justified in rheumatoid arthritis (Rackoff and Feldman 752)
UK National Committee of Inquiry into Higher Education (Sir R. Dearing) report and new funding proposals for higher education (Remuzzi and Schieppati 308)
Ultrasonography *vs* cystourethrography to exclude vesicoureteric reflux in infants (Postlethwaite and Wilson 1567)
Urban agenda for Europe and Urban Forum's priorities (McCarthy 1722)
Vaccine series in *The Lancet* (Horton 1192) (1484 correction)
Vaginal colonisation with *Escherichia coli* link to preterm birth Premature concerns (Pearlman and Faix 531)
Vancomycin-resistant *Staphylococcus aureus* in Japan (Tabaqchali 1644)
Vesicoureteric reflux screening for infants (Verrier Jones 380)
Vitamin A supplementation effect on antibody response to measles vaccine and vindication of policy (Ross and Cutts 81)
Wakley Prize (1997) (Horton 1794)
Wakley Prize (1997) applications (Horton 160)
Whipple's disease pathogenesis and propagation of *Tropheryma whippelii* (Fredricks and Relman 1262)
World Bank's strategy paper and objectives for new decade (Buse et al 1494)

Committee on Human Genome Diversity Genetic differences to be studies (McCarthy 1306 N)
Committee on the Medical Aspects of Food and Nutrition Policy (COMA) Red meat linked to cancer (Dawson 1007 N)
Committee on Publication Ethics (COPE) Meeting on research misconduct and background (Horton 234 Com)
Committee of Vice-Chancellors and Principals Report on academic medicine's problems (Sharp 193 N) (Boyd 595 C)
Communicable disease Campaign against in Indonesia (Easton and Wallerstein 125 N); *See also* Infections
Communicable Disease Surveillance Centre (CDSC) Giardiasis outbreak among holiday-makers and costs of (Hardie et al 964 C)
Communication Doctor-patient, need for improving information for patients and anxiety over clinic letters (Ellis and Matthews 1180 C); By doctors on end-of-life care, poor quality in AIDS and chronic illness in children studies (Macready 1754 N); Physician empathy and need for improvements (Neuwirth 606 Com)
Community Intervention to prevent HIV infection in homosexual men (trial) (Kelly et al 1500); Quality of life of elderly living in (Matsubayashi et al 1521 R); Vaccine use (Anderson et al 1466)
Community care Shared housing for elderly and medical students in London (Dawson 791 N)
Community health workers TB control in Bangladesh (Grange and Zumla 157 Com) (Chowdhury et al 169) (1108 correction)
Commuting Cardiac autonomic activity in Tokyo (Kageyama et al 639 R)
Compensation Radiation exposure in Taiwan (Kau 1232 N)
Complement C3 in cerebrospinal fluid in meningitis (892 correction)
Complementary hydropathy Prion protein receptors detected (Bradbury 1603 N)
Complementary medicine Integrated medicine as goal of A. Weil (Horton 1374 N)
Complex regional pain syndrome (type I) *see* Reflex sympathetic dystrophy (RSD)
Computed tomography (CT) Early abnormalities in acute stroke (Grond et al 1595 R); Electron beam (EBCT) for detection of coronary artery calcification (Dixon and Coulden 1265 Com); In fever of unknown origin (Sood et al 1782 C); History of development (Simini 1330 C)
Computer software Artificial neural networks for outcome prediction in colorectal cancer (Bottaci et al 469) (Buyse and Piedbois 1175 C) (Drew and Bottaci 1175 C)
Computers Diagnosis of psychiatric disorders (by telephone interview) (Larkin 869 N)
Conception ACE inhibitor use at and no adverse effects (Lip et al 1446 R); Assisted by transfer of donor ooplasm to recipient eggs (Cohen et al 186 R) (Brenner et al 961 C) (St John and Barratt 961 C); Of child for use of umbilical cord blood and ethical considerations (Warwick 297 C)
Conduct disorders Smoking in pregnancy associated (Moore 190 N)
Conference/congress AIDS in Africa conference (Abdijan) (Feinmann 1759 N); AIDS conference and improved prospects for therapy/co-receptor research (Atterstam 937 N); American College of Rheumatology, rheumatoid arthritis gene and antibody therapies (Isaacs 1524 N); American Society of Anesthesiologists' meeting and pre-operative calming of children (Larkin 1228 N); American Society for Bone and Mineral Research and advances in osteoporosis diagnosis/therapy (Raisz 868 N); Anatomical terminology approved in Brazil (Csillag 724 N); Breast cancer risk with HRT in Erice (Sicily) (1041 E) (McNamee 1646 Com); British Menopause Society conference (Szarewski 37 N); Climate Change Meeting (Kyoto) (Morris 1609 N) (Sharp 1646 Com) (McCurry 1825 N); European Association for Clinical Pharmacology and Therapeutics (Lehmann and Belz 1008 N); European Conference of Economics of Cancer (Kiebert and Hutton 1689 N); European Gastroenterology Week, inflammatory bowel disease and infectious causes (McConnell 1302 N); European Methadone Conference (Pini 937 N); European Respiratory Society and asthma gene discovery (Clark 1008 N); European Science Foundation Workshop on Cardiovascular Specific Gene Expression (Grace 1826 N); European Society of Cardiology meeting on drugs (Husten 719 N); FDA/NIH Conference on Gene Therapy (79 E); Food safety conference (Mitchell 1234 N); Health Crisis and the Internet (Mitchell 1610 N); Immunological Tolerance Symposium (Abdulla 190 N); International Atomic Energy Agency (IAEA) and health applications of nuclear techniques (Glass 1086 N); International Conference of Preventive Cardiology (Huston 121 N); International Congress on Biomedical Peer Review and Global Communications (Prague) and needs of readers (Horton 898 Com) (Atkins 1484 C); International Congress of Chemotherapy, new variant CJD information (McConnell 120 N); International Congress of Sexually Transmitted Diseases (Dayan 1303 N); International Liver Transplantation Society meeting (McCarthy 1228 N); International Meeting on HIV and Immunoregulation (Morris 1009 N); International Meeting on Interventional Cardiology (Fishman 268 N); Interscience Conference on Antimicrobial Agents and Chemotherapy (LeDuc and Hughes 1081 N); Joint US and European associations for cancer research, temporal maps of genetic changes in tumour development (Bradbury 869 N); Kyoto global climate change (Morris 1609 N) (Sharp 1646 Com) (McCurry 1825 N); Landmine ban treaty approved (Atterstam 941 N); Nottingham International Breast Cancer Conference on chemotherapy (McMenemy and Clark 936 N); Novartis Foundation debate on xenotransplantation (Abdulla 868 N); Novartis Foundation Symposium on Alcohol and Cardiovascular Disease (Abdulla 1148 N); Onchocerciasis eradication meeting (Liverpool) (Ress 1689 N); Organ transplantation, by Gulf Co-operation Council (Kandela 574 N); Radiological Society of North America, virtual endoscopy (Lehmann 1755 N); Transcatheter Cardiovascular Therapeutics (Husten 1009 N); Tuberculosis prevention and need for social reforms with new drugs/vaccines (Abdulla 1604 N); UN Earth Summit (Ivker and Hamilton 42 N); Whitehead Institute Symposium on infectious disease (Wunsch 1372 N); World Association for Disaster and Emergency Medicine (Healing 1012 N); World Congress of Dermatology, male-pattern baldness prevention (Marks 36 N); World Congress on Endourology (Jack 788 N); World Congress on Epilepsy, and congenital bilateral perisylvian syndrome (Birchard 121 N); World Congress on Lung Cancer (Birchard 568 N); World Congress of Neurology, early treatment with neuroprotectants to improve stroke outcome (Kandela 936 N)
Confidentiality Doctors' protest over German "bugging" law (Durand de Bousingen 1832 N); Medical records and legislative limits needed for Canadian Health Information Network (Kondro 1085 N); US Congress deadline over bill (Mitchell 1378 N)
Conflicts of interest Disclosure policy (Cho 72 C)
Conformational disease Review (Carrell and Lomas 134)
Confusion Acute, paraneoplastic syndrome in young girl due to teratoma presenting with (case report) (Okamura et al 488) (Duyff 1250 C) (Okamura et al 1250 C) (Schiffman et al 1251 C); Addisonian crisis due to secondary adrenocortical failure and water intoxication (case report) (Devendra et al 780)
Congenital bilateral perisylvian syndrome Mental disability not inevitable (Birchard 121 N)
Congenital malformations Adapalene gel use in pregnancy associated (Autret et al 339 R); Methimazole use in pregnancy in hyperthyroidism (Johnsson et al 1520 R)
Congestive heart failure Adverse event with first-dose perindopril (Cleland 520 C) (Lees and Reid 520 C) (MacFadyen 520 C) (Bagger 521 C) (Tan and Wright 521 C); Effects of prophylactic amiodarone (meta-analysis) (Amiodarone Trials Meta-Analysis Investigators 1417); Exercise capacity and inhaled nitric oxide (818 correction); Ibopamine effect on survival and PRIME II trial results (Girbes and Zijlstra 147 C) (Massel 147 C) (Hampton et al 148 C)
Connective tissue disorders Carotid artery dissection in (case report) (Schievink 260)
Consensus-based guidelines JNC VI report on hypertension treatment (Furberg and Psaty 1413 Com)
Consent *see* Informed consent
Constipation Idiopathic megacolon/megarectum due to additional smooth muscle layer (case report) (Hart et al 110)
Constrictive pericarditis After high-dose chemotherapy (Tulleken et al 1601 R)
Consultants Stress amongst Irish students due to (Birchard 1013 N); *See also* Specialists
Contact lenses Acanthamoeba keratitis incidence (Morlet et al 414 R) (Lam et al 1481 C)
Continuous hyperfractionated accelerated radiotherapy *see* CHART schedule
Continuous positive airways pressure (CPAP) In obstructive sleep apnoea and hypersomnolence (Fricker 122 N)
Contraception Hormonal, risk factor for shedding of HIV-1 infected cells from cervix and vagina (Mostad et al 922); *See also* Oral contraceptives
Contracture Dupuytren's, risks and prevention (Frey 1568 Com)
COPE Establishment and first Research Misconduct meeting (Horton 234 Com)
Copolymer-1 In multiple sclerosis (Palace and Rothwell 261 R)
Copper Oral submucous fibrosis pathogenesis (Meghji et al 220 C)
Coral Sea Motion-sickness and sex differences in incidence (Cooper et al 892 C)
Cord blood Deliberate conception for and ethical considerations (Warwick 297 C)
Coronary angioplasty *see* Percutaneous transluminal coronary angioplasty (PTCA)
Coronary artery Calcification detected by electron beam CT (EBCT) and cardiological referral after (Dixon and Coulden 1265 Com); Revascularisation in diabetics (Webster and Scott sl26)
Coronary artery bypass Minimally invasive direct and trouble-shooting (Izzat and Yim 665 C)
Coronary heart disease (CHD) Angioplasty *vs* bypass surgery in diabetics (BARI trial) (Husten 1147 N); Apolipoprotein A1 and birthweight relationship (Morlese et al 1823 R); *Borrelia burgdorferi* infection association (Oksi et al 1447 R); Chronic infections (*C pneumoniae*, *H pylori*, cytomegalovirus and herpesvirus) role/link (Lip and Beevers 378 Com) (Gurfinkel et al 404) (Danesh et al 430) (Anestad et al 1028 C) (Marchioli et al 1028 C) (Gurfinkel and Mautner 1029 C) (Vaughan 1029 C) (Constans et al 1030 C) (Halliwell 1030 C); In diabetics, effect of treatment (Webster and Scott sl26); Factor influencing aortic distensibility (symposium) (Lehmann and Belz 1008 N); Inequalities (in inci-

dence) due to job control and psychosocial work environment (Syme and Balfour 231) (Marmot et al 235) (Davey Smith and Harding 1369 R) (White 1404 C) (Marmot et al 1405 C); Intracoronary-stent placement outcomes and trials needed (Schwartz et al 113 R); Mortality in diabetics (Balkau et al 1680 R); Mortality prediction by pulse pressure (Bradbury 1753 N); Prevention, Standing Medical Advisory Committee guidelines for statins in hypercholesterolaemia (Jones 1174 C) (Poulter et al 1852 C) (Wallis et al 1852 C) (Colhoun and Fuller 1853 (Vallance and Martin 1854 C); Prevention by HRT due to reduced arterial stiffness (416 N); Protection of elderly Chinese possibly due to green tea (Husten 37 N); Protection provided by submissiveness trait (Edinburgh Artery Study) (Whiteman et al 541) (Gill and Bell 1247 C) (Meyer et al 1478 C) (Upton 1478 C) (Whiteman et al 1479 C); Recurrence reduced by antibiotic elimination of *C pneumoniae* (Bower 191 N) (Lip and Beevers 378 Com) (Gurfinkel et al 404) (Danesh et al 430) (Anestad et al 1028 C) (Marchioli et al 1028 C) (Gurfinkel and Mautner 1029 C) (Vaughan 1029 C) (Constans et al 1030 C) (Halliwell 1030 C); Reduction by stress-management (Fricker 1302 N); Risk with fat (dietary) types (Fricker 1603 N); Risk with high fat meals causing increased factor VII (Fricker 1603 N); Risk and mortality, lack of control at work association (Davey Smith and Harding 1369 R); Risk with passive smoking (Whidden 73 C); Statins of benefit to wide range of patients (Husten 1525 N); Tissue-factor antigen in atherosclerotic plaques (298 correction); Unstable and low-molecular-weight *vs* unfractionated heparin (trials) (Kandela 719 N); Wine and beer protective action (Larkin 645 N); *See also* Cardiovascular disease; Ischaemic heart disease

Coronary restenosis γ-radiation therapy for (Husten 1009 N); Previous CMV or *Chlamydia pneumoniae* infections associated (Carlsson et al 1225 R)

Coronary stenting (Bonn 498 N); ACE gene polymorphism predictive of success (Fricker 35 N); In acute myocardial infarction (Steinhubl and Topol 532 Com); Application of interventional radiology (Thomson 355); FDA cross-border pilot study (Fishman 274 N); Indications and biological markers for (Bonn 498 N); Monitoring, Working Group report from European Society of Cardiology (Fishman 194 N); Outcomes in coronary artery disease and need for trials (Schwartz et al 113 R); Serruys, P.'s contribution to technique and benefits (Bonn 498 N); Thrombosis risk with platelet glycoprotein IIIa polymorphism (PlA^2 allele) (Nurden 1189 Com) (Walter et al 1217)

Corticosteroids Acute asthma treatment (Lipworth sII21); Facilitatory effects on β_2-adrenoceptors in acute asthma (Lipworth sII21); Inhaled, cataract risk increased by (Moore 120 N); Osteoporosis due to, prevention by bisphosphonate etidronate (Frankel 495 N); *See also* Glucocorticoids

Cortisol Blockade, parturition initiation (Schwartz 1792 Com); Increased excretion by working mothers (269 N)

Cosmetic products Regulations in Denmark (Skovmand 1528 N)

Cot death *see* Sudden infant death syndrome (SIDS)

Côte d-Ivoire Ethics of zidovudine trial to prevent vertical transmission of HIV (Feinmann 1084 N)

Cough ACE inhibitor-induced, pathogenesis and reduction by thromboxane antagonist (Robinson et al 3 Com) (Malini et al 15) (Goldsmith 814 C) (Knox and Pang 814 C) (Aurup 1854 C); Nocturnal, associated with sputum production (Zheng et al 864 R)

Coumadin Aspirin Reinfarction Study (CARS) Low-dose warfarin with low-dose aspirin *vs* aspirin only after myocardial infarction (Coumadin Aspirin Reinfarction Study (CARS) Investigators 389) (Peverill et al 1177 C)

Council on Economic Priorities *Social Accountability 8000*, document on standards for international occupational health policies (1187 E)

Council of Europe Summit and expected prohibition of human cloning (Rogers 1012 N)

Counselling In primary care and comparison of non-directive psychotherapy *vs* GP care (Tylee 1643 Com) (Friedli et al 1662)

Country profiles UK (Jewell et al 48)

Coverayl Advertisement in *The Lancet* and BMJ (Vitry and Mansfield 1477 C) (Alliot 1636 C)

Cow dander Atopic dermatitis in child due to (Szczepanski and Mühlendahl 114 R)

COX-2 Colorectal cancer risk reduction by NSAIDs and aspirin and possible mechanisms (Featherstone 418 N); Inhibitors for treatment of cough due to ACE inhibitors (Knox and Pang 814 C); Selective NSAIDs in prevention of preterm delivery (Sawdy et al 265 R)

CPT-11 *see* Irinotecan (CPT-11)

Creatine kinase BB-isoenzyme, diagnosis of aortic dissection (Suzuki et al 784 R)

Creutzfeldt-Jakob disease (CJD) Florid plaques after cadaveric dural graft in Japanese woman (Takashima et al 865 R) (Ironside and Bell 1475 C); Monoclonal antibody (15B3) developed for diagnostic test (Moore 1373 N); Review of developments in 1997 (Wokke and van Gijn sIII 14); Squirrel brain consumption and (Berger et al 642 R); In UK farmers and prion protein types (Hill et al 188 R)

Creutzfeldt-Jakob disease (CJD), new variant Beef-on-the-bone ban in UK (1754 N) (1789 E); Codon 129 genotype (Zeidler et al 668 C); Diagnosis from tonsil biopsy (Kawashima et al 68 C); Diagnostic criteria warning after "virus (prion)" evolution (McCarthy 120 N); Evidence for link with BSE after transmission of prion proteins to mice (Bradbury 1007 N); Latest incidence (UK) reported (416 N); Leucocyte-depleted blood products to reduce risk (1452 N); Neurological features and diagnostic tests (Zeidler et al 903); Neuropathology comparison with kuru (Lantos et al 187 R); No incidence trend discernible (McConnell 120 N); PrP^{res} similarity to BSE PrP and therapeutic strategies (McConnell 120 N); Psychiatric features (Zeidler et al 908); Radiological dye prepared from plasma from blood donor with (Birchard 1830 N); Similarity to CJD after cadaveric dural grafts in Japan (Takashima et al 865 R) (Ironside and Bell 1475 C); Transmission in blood products and concerns in haemophiliacs (Ludlam et al 1704 C); *See also* Bovine spongiform encephalopathy (BSE); Prion proteins

Crime Drug abuse relationship in UK (Dean 721 N)

Critical care Review of 1997 developments (Sandham sIII 3); *See also* Intensive care

Critical Care Medicine Frequency and length of editorial comments (Boba 1635 C)

Crofton, J (228 L)

Crohn's disease CA2 monoclonal antibody trial (1148 N); Case-control study of measles vaccination association (Feeney et al 764) (Feeney et al 1774 C) (Montgomery et al 1774 C) (Van Damme et al 1774 C) (Iizuka and Masamune 1775 C); Recurrence in transplanted bowel (298 correction); Thalidomide treatment of recurrent bleeding (Wettstein and Meagher 1445 R); *See also* Inflammatory bowel disease

Cruciform Project Interview with director (S. Moncada) (Fox 56)

Cryptogenic fibrosing alveolitis (Chan-Yeung and Müller 651 S); Prevalence/aetiology/pathology/features/diagnosis and treatment (Chan-Yeung and Müller 651 S)

Cryptosporidiosis School milk associated with outbreak (Gelletlie et al 1005 R)

CS sprays Court finding of "unlawful killing" in UK (Jones 1086 N); Safety concerns and guidelines for use (Jones 605 Com)

CTLA4-Ig Infusion, renal transplantation rejection prevention (Ault 497 N)

Cuba AIDS and HIV containment approaches (Burr 647 N); Burial of Guevara after forensic examination and identification of body (Kandela 1154 N); Dengue epidemic and control measures, and spread to Americas (455 E); Dengue fever epidemic and confusion over (Morris 124 N) (455 E); Doctor charged with "enemy propaganda" over reporting dengue-fever epidemic (Morris 1609 N); Doctor imprisoned over reporting dengue-fever (Morris 1759 N)

Culture Gynaecomastia explanation and communication problems (Qureshi 1108 C); Reactions to trauma and counselling in refugee camps (Van Ommeren et al 595 C)

Cutaneous lymphoid hyperplasia Losartan causing (Viraben et al 1366 R)

Cutaneous T-cell lymphoma Extracorporeal photophoresis and interferon-α (Dippel et al 32 R) (Russell-Jones et al 886 C) (Dippel et al 1776 C); Losartan causing (Viraben et al 1366 R)

Cyanide Detection in cassava (Kigotho 1081 N)

Cyclic vomiting syndrome Mitochondrial DNA mutations associated (Boles et al 1299 R)

Cyclo-oxygenase Type 2 *see* COX-2

Cyclospora cayetanensis Outbreaks in US but cause unknown (Ault 343 N)

Cyclosporin Pyoderma gangrenosum treatment (Powell et al 1720 Com) (Hohenleutner et al 1748 R)

CYP2D6 polymorphism Effect on cholesterol-lowering effect of simvastatin (Nordin et al 29 R)

Cyprus Man jailed for infecting woman with HIV-1 (Mitchell 422 N)

Cyst Intrahepatic, in Caroli's disease presenting with recurrent cholangitis (case report) (Sandle and Lodge 408)

Cystic fibrosis Anaemia in infancy (Savasan et al 295 C); Complementation of defective CFTR by induction of multidrug resistance protein by chemotherapy (Lallemand et al 711 R); Fever associated with intravenous antibiotics in adults (Mallon et al 1676 R); Gene therapy (Britton and Knox sIII 24); Stool elastase as diagnostic test for pancreatic function in children (Wallis et al 1001 R)

Cystic fibrosis transmembrane regulator (CFTR) Defective, complementation by multidrug resistance protein induced by chemotherapy in cystic fibrosis (Lallemand et al 711 R); Intron 8 polythymidine sequence variant, frequency in neonatal blood specimens (Chin et al 1368 R)

Cystourethrography Ultrasonography *vs* to exclude vesicoureteric reflux in infants (Postlethwaite and Wilson 1567 Com)

Cytochrome P450 CYP2D6 polymorphism and effect on cholesterol-lowering effect of simvastatin (Nordin et al 29 R)

Cytochrome P450IID6 Autoantibodies triggered by HCV infection (Vento et al 1298 R)

Cytogenetic effects Of chronic low-dose gamma-radiation exposure from irradiated buildings (Chang et al 330)

Cytokines Inhibition by disease-modifying antirheumatic drugs in early rheumatoid arthritis (trial) (Emery 304 Com) (Boers et al 309); Vascular dysfunction in diabetics and (Feener and King sI12)

Cytomegalovirus (CMV) Cause of fever of unknown origin (Arnow and Flaherty 578 S); Coronary artery disease association and evidence (Lip and Beevers 378 Com) (Danesh et al 430); Ganciclovir (oral) in prevention of infection in liver transplant recipients (trial) (Goodrich and Khardori 1718 Com) (Gane et al 1729); Previous infection possibly linked to restenosis risk after PTCA (Carlsson et al 1225 R); Retinitis after initiation of highly active antiretroviral therapy (Mitchell et al 588 C) (Uthayakumar et al 588 C) (Carr and Cooper 589 C) (Stein 589 C) (Stricker and Goldberg 589 C) (Jacobson 590 C)

Czech Republic Health-care system (Rogers 1760 N)

D

Danaparoid sodium Effect on hard exudates in diabetic retinopathy (van der Pijl et al 1743)

Danger theory For immunology (Matzinger) (Larkin 38 N)

DARTS study (Diabetes Audit and Research in Tayside Scotland) Poor compliance to insulin therapy associated with poor glycaemic control and ketoacidosis (Morris et al 1505)

Database Fashion/glamour models and body shape (Tovée et al 1474 C); General Practice Research Database (GPRD) (Jick 1045 Com) (Wallye and Mantgani 1097)

David, R (376 L)

DDT Non-Hodgkin's lymphoma association and nested case-control study (Rothman et al 240)

de Gaetano, G (968 L)

Dead-in-bed syndrome In diabetes mellitus and hypoglycaemic unawareness associated with insulin pen confusion (Hanas 492 R) (Hanas 1032 C) (Weston and Gill 1032 C)

Dearing report UK National Committee of Inquiry into Higher Education and new funding proposals (Remuzzi and Schieppati 308 Com) (Mitchell 348 N)

Death Regional variations (US) in place of death for elderly (1228 N); *See also* Dying

Deceleration Traumatic thoracic aortic lesions and stent-graft strategy for treatment (Carrel et al 1146 R)

Decision-making Elective treatments and hospital waiting lists (UK) (Hamblin et al 1493 Com); End-of-life *see* End-of-life decisions; Medical treatment for mentally incapable people in UK (Luttrell 950 N)

Deep-vein thrombosis Bilateral, occult cancer in (Rance et al 1448 R); Direct imaging with MRI (Moody 1073 R); Value of assessment of pretest probability (Wells et al 1795)

Defensins Expression by normal human skin (Fulton et al 1750 R)

Dehydration Case number increase in Lima (Peru) associated with El Niño (Salazar-Lindo et al 1597 R)

Dehydroepiandrosterone sulphate Parturition mechanism (Schwartz 1792 Com)

Delirium Iodoform gauze dressings for subclavian abscess associated (case report) (Yamasaki et al 1294)

Delta trial Effect of combination drug therapy on HIV load and drug resistance in drug-naive participants from (Katzenstein 970 Com) (Brun-Vézinet et al 983) (1712 correction)

Dementia As conformational disease (Carrell and Lomas 134); Early diagnosis by PET (416 N); In I. Kant (medical history) (Fellin and Blè 1771); Progression slowed by EGb 761 (Gingko biloba

extract) (Bradbury 1229 N); *See also* Alzheimer's disease
Democracy To be improved worldwide by World Medical Association (Durand de Bousingen 1530 N)
Dendritic cells HIV infection and inhibition by macrophage-derived chemokine (MDC) (1302 N)
Dengue fever (Monath 1719 Com); Cuban doctor imprisoned over reporting epidemic (Morris 1759 N); Cuban epidemic, control measures and spread to America (455 E); Epidemic in Cuba (Morris 124 N) (455 E); Epidemic reporting in Cuba and doctor charged with "enemy propaganda" (Morris 1609 N); Spread, global warming consequence (McCurry 1825 N)
Dengue haemorrhagic fever (455 E); In children, symptoms and pathogenesis (Monath 1719 Com); Early indicators (Monath 1719 Com); Presentation with pleural effusion, ascites and diarrhoea (case report) (Laferi 1072)
Denmark Cosmetic product regulations (Skovmand 1528 N); National breast cancer screening to start (Skovman 196 N); Patient-to-patient HIV transmission to leukaemia patient in hospital (Skovmand 1758 N)
Dental caries In children associated with lead in mother's milk (Larkin 789 N)
Dental infection Stroke risk increase (Larkin 789 N)
Department of Health Chief Medical Officer (Calman, Sir K.) to stand down (1084 N)
Depression In new variant CJD (Zeidler et al 903) (Zeidler et al 908); SSRI (fluoxetine) with pindolol (Isaac and Tome 288 C) (Bordet et al 289 C) (Terao 289 C); *See also* Selective serotonin reuptake inhibitors (SSRI)
Dercum's disease Spigelian hernia presenting as painful groin "lipoma" in (case report) (Harris et al 334)
Dermatitis Atopic *see* Atopic dermatitis
Dermatomyositis Leishmaniasis differential diagnosis (case report) (Galanakis et al 368 C)
Detoxification enzymes Slow acetylator genotype for and association with familial Parkinson's disease (Brandmann et al 1136)
Developing countries Antiretroviral drugs pilot programme (Feinmann 1759 N); Bacterial vaginosis and HIV transmission link (Mayaud 530 Com) (Sewankambo et al 546) (1036 correction) (Ledru et al 1251 C) (Ugwumadu et al 1251 C) (Gray et al 1780 C); Counterfeit drugs (McGregor 1690 N); Growth-monitoring teaching aid to improve mothers' understanding (Sohal et al 562 R); Lack of compliance with antiepileptics (Gledhill 811 C); Quality control of essential drugs (601 E) (Arya 1106 C) (Lauridsen 1106 C) (Quick and Bremer 1106 C) (Dunne 1712 C); Role of imager and medical imaging (ultrasound) (Mindel 426) (Hoyer and Weber 1330 C) (Simini 1330 C); Vaccine development target (Levine and Levine 1386); *See also* Africa
Development Impaired synthesis of elastin in aorta/arteries as initiating event for systemic hypertension (Martyn and Greenwald 953)
Dexfenfluramine AAC recommendation against echocardiogram in users (Ault 1371 N); Recalled in US (Ault 867 N)
Diabetes Control and Complications Trial (DCCT) Glycaemic control effect on cardiovascular disease (Webster and Scott sl23)
Diabetes insipidus Nephrogenic, cidofovir causing (Schliefer et al 413 R) (1558 correction)
Diabetes mellitus Acute myocardial infarction (Webster and Scott sl25); Albumin excretion reduced by lisinopril (Sawicki 662 C) (van Guldener and Donker 662 C) (Williams 662 C) (Chaturvedi et al 663 C) (Pintavorn and Rumsaeng 663 C) (Tripathi 1102 C); Angioplasty *vs* bypass surgery in coronary heart disease (BARI trial) (Husten 1147 N); Cardiomyopathy (Feener and King sl10); Cardiomyopathy and left ventricular dysfunction (Webster and Scott sl27) (Shiotani et al 1254 C); Cardiovascular disease, interval between NIDDM diagnosis and association with lipoprotein lipase gene polymorphism (Hopkins 269 N); Cardiovascular disease assessment (non-invasive) (Lehmann et al sl14); Cardiovascular disease epidemiology (Nathan et al sl4); Cardiovascular disease impact and potential for prevention (Eastman and Keen sl29); Cardiovascular disease incidence changes and "epidemic" in NIDDM (Zimmet and Alberti sl1); Cardiovascular disease and (*The Lancet* supplement) (Zimmet et al sl1) (Hopkins 160 Com); Cardiovascular risk factors and outcome of modification (Webster and Scott sl23); Causes of death (Balkau et al 1680 R); Classification and diagnostic criteria (Mingrone and Greco sIII 4); Dead-in-bed syndrome and hypoglycaemic unawareness after insulin pen confusion (Hanas 492 R) (Hanas 1032 C) (Weston and Gill 1032 C); Diagnostic guidelines (US) (Mingrone and Greco sIII 4) (Moore 37 N); Eye disease, natural history/epidemiology/features/detection and treatment (Klein and Klein 197 S); Foot infection and granulocyte colony-stimulating factor therapy (trial) (Gough et al 855); Gestational, exercise to reduce risk (Bonn 1685 N); Glycaemic control and effect on cardiovascular disease (Webster and Scott sl23); Glycaemic control in retinopathy treatment (Klein and Klein 201 S); IGF-1 trial halted and implications (Mitchell 1606 N); Isradipine-linked increased glycosylated haemoglobin associated with cardiovascular events (Byington et al 1075 R); Microvascular disease (Feener and King sl9); Mitochondrial DNA mutations as possible cause (Shiotani et al 1254 C); Non-cardiovascular and cardiovascular disease mortality (Balkau et al 1680 R); Plasma adrenomedullin levels (Hayashi et al 1449 R); Risk associated with weight gain (496 N); Type I and type 2 preferred names (US) (Moore 37 N); Vascular complications and plasma adrenomedullin levels (Hayashi et al 1449 R); Vascular dysfunction (Feener and King sl9)
Diabetes mellitus, insulin-dependent (IDDM; type 1) Dead-in-bed syndrome and hypoglycaemia unawareness associated with insulin pen confusion (Hanas 492 R) (Hanas 1032 C) (Weston and Gill 1032 C); Human retrovirus implicated in pathogenesis (Morris 341 N); IGF-1 (human recombinant) with insulin therapy to reduce complications (trial in adolescents) (Møller and Ørskov 1188 Com) (Acerini et al 1199) (Mitchell 1606 N); Insulin pens/cartridges compatibility (Holleman et al 1601 R); Nocturnal hypoglycaemia prevented by bedtime alanine or terbutaline rather than snacks (496 N); Pimagedine trial halted by Hoechst Marion Roussel (155 E) (Viberti et al 214 C) (Langer 890 C) (Hopf 891 C); Poor adherence to insulin treatment causing poor glycaemic control and ketoacidosis (DARTS study) (Morris et al 1505)
Diabetes mellitus, non-insulin-dependent (NIDDM; type 2) Cardiovascular disease epidemiology (Nathan et al sl4); Cardiovascular disease risk and "epidemic" (Zimmet and Alberti sl1); Chromium intake to improve glucose control (Bradbury 1453 N); Diagnosis in children and criteria for (Hopkins 189 N); Dyslipidaemia (Syvänne and Taskinen sl20) (Webster and Scott sl24); "Epidemic" linked to obesity (Morris 269 N); FDA approval for repaglinide (Prandin) (1760 N); Incidence reduced by breastfeeding (Simmons 157 Com) (Pettitt et al 166) (Huang et al 889 C); Insulin sensitivity increased by troglitazone and metformin and comparisons (Hopkins 341 N); Interval between diagnosis and cardiovascular events linked to lipoprotein lipase gene polymorphism (Hopkins 269 N); Islet-cell cytoplasm and GAD autoantibodies in prediction of insulin requirement (UKPDS 25) (Turner et al 1288); Lipids and lipoproteins as coronary risk factors (Syvänne and Taskinen sl20); Paraoxonase-2 G148 variant in aboriginal Canadian girl with and possible role (Hegele et al 785 R); Thrifty gene (Zimmet and Alberti sl2); Troglitazone efficacy measured by insulin resistance index (Nagasaka et al 184 R); *See also* Troglitazone
Diabetic foot Granulocyte colony-stimulating factor therapy for infection (trial) (Gough et al 855); Injury by thumb tacks (Teelucksingh and Naraynsingh 74 C)
Diabetic ketoacidosis *see* Ketoacidosis, diabetic
Diabetic retinopathy Defective homocysteine metabolism as risk factor (224 correction); Effect of danaparoid sodium on hard exudates (van der Pijl et al 1743); Natural history/epidemiology/features/detection and treatment (Klein and Klein 197 S)
Diagnostic tests Alzheimer's disease, based on glycosylation of acetylcholinesterase (Sáez-Valero et al 929 R); For CADASIL (Goates and Morris 1490 Com) (Joutel et al 1511); Chronic pancreatitis (Mergener and Baillie 1381 S); *Escherichia coli* O157, USDA test (Ault and Morris 567 N); FDA approval sought for home test to detect drug abuse in children (1086 N); Field trial of rapid card test for *Wuchereria bancrofti* (Freedman et al 1681 R); HIV infection and HIV vaccine response differentiation (Weber 230 Com) (Schwartz et al 256) (Johnston and Goudsmit 1108 C); IgE-based assay for early detection of HIV-1 in infants (Miguez-Burbano et al 782 R); Low-tech HIV-1 test (Serodia-HIV) (Kigotho 789 N); Monoclonal antibody (15B3) developed for CJD test (Moore 1373 N); Overrated sensitivities and discrepant analysis use (Hilden 902 Com)
Dialysis patients Impaired odour perception in (Reaich 1191 Com)
Diarrhoea In Behçet's disease (case report) (Grimbacher et al 1818); Case increase in Lima (Peru) associated with El Niño (Salazar-Lindo et al 1597 R); Dengue haemorrhagic fever presenting with (case report) (Laferi 1072); Double vision with in bronchial carcinoid case (Maxwell 298 C)
Diarrhoeal disease Rotavirus vaccines to prevent (Vesikari 1538)
Diazepam HIV expression in brain cells inhibited by (1523 N)
Didanosine HIV infection treatment and absence of viral rebound after (Vila et al 635 R)
Diesel fuel Exhaust emissions and carcinogenic risks (Farmer 1118 Com)
Diet Effect on aortic distensibility (symposium) (Lehmann and Belz 1008 N); Elderly Chinese protected from heart disease (Husten 37 N); Fresh fruit and improved lung function (Bonn 120 N); High fat meals (quantity not quality), increase in factor VII leading to risk of heart disease and stroke (Fricker 1603 N); Low-fat/high-fibre and reduced endometrial cancer risk (718 N); Low-protein and progression of chronic renal failure in children (Locatelli 145 C) (Ledermann et al 146 C) (Noriguchi et al 146 C); Mediterranean, Albanian paradox explained by (Ronsmans et al 1810); WCRF and COMA reports and recommendations for cancer prevention (Dawson 1007 N) (Morris 1007 N); *See also* Food; Nutrition
Diet drugs *see* Dexfenfluramine; Fenfluramine
Dietary fibre Diet high in and reduced risk of endometrial cancer (718 N)
Diffuse idiopathic skeletal hyperostosis (DISH) Bone density and genetics of (Greenfield and Goldberg 1263 Com)
Digits *Hox* genes controlling growth of (Larkin 1373 N)
Digoxin In heart failure with sinus rhythm (McMurray and Davie 519 C) (Saunders 519 C)
Dihydrolipoamide succinyltransferase (DLST) genotype Alzheimer's disease association (Nakano et al 1367 R)
Dihydropyrone-substituted steroid Bufenolide, detection in plasma from volume-expanded patient and role in sodium pump regulation (Wright et al 409 R)
Dilated cardiomyopathy Ventricular remodelling (Carpentier 456 Com) (Angelini et al 489 R) (Komamura and Miyatake 1327 C) (Chanda et al 1705 C) (Barsotti et al 1706 C) (Bestetti 1706 C) (Kaisers et al 1706 C)
DINAMAP blood pressure monitors Accuracy (Friedman 217 C)
Dioxin Detection in food supply (US) (Ault 267 N)
Diphtheria Immunity in blood donors (Stark et al 932 R)
Diplopia Correction to case report (Karsten et al 670 correction); Diarrhoea with in bronchial carcinoid case (Maxwell 298 C)
Directly observed therapy (DOT) of tuberculosis Doubts on efficacy (Chaulk and Iseman 666 C) (Garner and Volmink 666 C); Effectiveness in nomadic populations (Crowe 343 N); Strategy and effect on TB burden (Kochi et al 142 C); Success in Bangladesh and implementation of strategy (Grange and Zumla 157 Com) (Chowdhury et al 169) (1108 correction); WHO support but leadership needed for new therapies (Bloom et al 149 C)
Disability Research on reducing, in elderly in Europe (FP5 programme modification) (1261 E) (Evans 1779 C)
Disabled people Benefits to be reduced in UK (Dean 1607 N); Forcible sterilisation in Japan (Watts 941 N)
Disasters Natural, global burden of El Niño (Bouma et al 1435); Need to improve emergency care (World Association for Disaster and Emergency Medicine) (Healing 1012 N); *See also* Humanitarian disasters
Disclosure policy For conflicts of interest (Cho 72 C)
Discrepant analysis Overrated sensitivities of diagnostic tests (Hilden 902 Com)
Disease Global burden (Gwatkin 141 C) (Schwartländer 141 C) (Barendregt and Nusselder 142 C) (Kochi and Nunn 142 C) (Appleby et al 143 C) (Eisenberg 143 C) (Matsubayashi et al 144 C) (Murray and Lopez 144 C) (Roberts 144 C)
Disease-modifying antirheumatic drugs (DMARDs) Early combined therapy with prednisolone and methotrexate *vs* sulphasalazine-only in rheumatoid arthritis (COBRA trial) (Emery 304 Com) (Boers et al 309)
Disseminated intravascular coagulation (DIC) In severe meningococcal disease and new therapies (Duncan 1565 Com) (Smith et al 1590)
Disulfiram Yellow palms due to carotenes and (Santonastaso et al 266 R) (Lipsky et al 1176 C)
Diuretics Loop, effect on intellectual function (Bonn 1753 N)
DNA Fetal, in maternal plasma and serum Lo et al 485); Mitochondrial *see* Mitochondrial DNA mutations; Vaccine for tuberculosis (conference) (Abdulla 1604 N)
Dobrava virus Haemorrhagic fever with renal syndrome (HFRS) outbreak in Russia due to (Lundkvist et al 781 R)
Doctors Assault to women charge in Ireland (Birchard 1378 N); Bacterial contamination of ball point pens (Datz et al 1824 R); BMA's alleged sale

of details to businesses (529 E); Charged with "enemy propaganda" over reporting of dengue fever epidemic in Cuba (Morris 1609 N); Compulsory HIV testing in Ireland ruled "impractical" (Birchard 1232 N); Fears due to violence in Rio de Janeiro (Csillag 126 N); HIV vaccine trial volunteers (937 N); Immigrant physicians in Israel and new status and display of credentials (Fishman 1758 N); Ireland and physician-assisted suicide favoured by (Birchard 723 N); Junior, training reforms and working hours restrictions *see* Medical training; Lists of best doctors in Germany (Durand de Bousingen 1013 N); Not affected by EU comparative advertising legislation (Rogers 872 N); Poor communication on end-of-life care in AIDS and chronic illness in children studies (Macready 1754 N); Private, role in control of tuberculosis in India (Kumar and Kumar 1329 C); Protest over German "bugging" law (Durand de Bousingen 1832 N); Rights over practice areas in Canada upheld (Kondro 501 N); Roman instrument set found (Morris 191 N); Sexual intercourse with patients in emergency rooms (Canada) (Kondro 942 N); Shot in Canada, antiabortion campaign involvement (Kondro 1528 N); South African Truth and Reconciliation Commission investigations (Lee 39 N); Unemployment in Italy (Simini 1528 N); Unnecessary prescribing of antibiotics and NSAIDs (US) (Bonn 869 N); US hospitals to receive payments for training fewer (Firshein 723 N); "Whistle-blowing" law for warning police of threats of serious harm from patients (Canada) (Kondro 1376 N); Working hours and plan for inclusion in EU Directive on Working Time (272 N); *See also* General practitioners (GPs); Physicians

Dofetilide No benefit shown in heart failure (Husten 719 N)

Donepezil Licensed in UK but trial inconclusive (1376 N)

Dopamine D_2 receptor Blockade by clozapine and limbic selectivity (Pilowsky et al 490 R) (Longhurst 1399 C)

Dopaminergic activity Low medial prefrontal, in autism (Ernst et al 838 R)

Doppler ankle pressure Lower-limb arterial disease (Golledge 1460 S)

Double-counting Misinterpretation of clinical trials and studies (Asch and Hershey 1393)

Dow Chemical Liability in breast-implant case (Rovner 648 N)

Down's syndrome False-positive screening due to abnormal renal function in renal transplant recipients (Cararach et al 1295 R); Fetal nuchal translucency test (Neilson 754 Com) (Cuckie 1629 C) (Soothill and Kyle 1629 C) (Grudzinskas and Chard 1630 C) (Makrydimas and Lolis 1630 C) (Monni et al 1631 C) (Neilson 1631 C) (Wald and Rodeck 1632 C)

Downsizing of companies Effect on health of employees (Vahtera et al 1124)

Doxorubicin Adjuvant chemotherapy in localised resectable soft-tissue sarcoma of adults (Sarcoma Meta-analysis Collaboration 1647); Liposomal encapsulated, Kaposi's sarcoma treatment (Gottlieb et al 1363 R)

Dracunculiasis Eradication (Cairncross et al 812 C) (Hopkins 812 C)

Dressings Iodoform gauze, for subclavian abscess and delirium associated (case report) (Yamasaki et al 1294)

Drinking Preoperative, to reduce thirst and recommendations on timing (Gilston 1256 C)

Drinking water Chlorinated, chloroform byproduct and cancer link (Morris 567 N); Phosphate in and bacterial growth increased (Morris 567 N); Toxoplasmosis outbreak associated in Canada (Johnstone 125 C (Bowie et al 173) (Bowie 1256 C)

Driving Stroke in mitochondrial disease and (Chinnery et al 1402 C) (Loftus and McCarron 1402 C)

Drug addiction/abuse In Colombia (Miguez et al 1635 C); FDA approval sought for home test to test children (1086 N); Greater availability of methadone maintenance therapy sought by NIH (Firshein 1609 N); Hepatitis C infection in Ireland (Birchard 1457 N); National commission in UK and clampdown on herbal drugs and alcopops (Dean 721 N); Referendum in Switzerland and support for supervised heroin provision (McGregor 1012 N); Review of 1997 (Hall sIII 1); Supervised methadone/heroin distribution may be terminated in Switzerland (McGregor 572 N); Survey on extent in Switzerland (McGregor 124 N); *See also* Drug misuse

"Drug culture" Views changed in Europe (Birchard 1457 N)

"Drug czar" Appointment in UK (1153 N)

Drug design Antimalarials (O'Brien 192 N); Oestrogens (selective oestrogen-receptor modulators) (Compston 676 Com); Targets revealed by *H pylori* genome sequence (Bradbury 415 N)

Drug hypersensitivity Losartan causing atypical cutaneous lymphoid hyperplasia (Viraben et al 1366 R)

Drug interactions Tramadol and phenprocoumon (Madsen et al 637 R) (Boejinga et al 1552 C) (Madsen et al 1552 C)

Drug misuse By athletes and compulsory testing in Ireland (Birchard 273 N); *See also* Drug addiction/abuse

Drug safety ACE inhibitors in early pregnancy and (Lip et al 1446 R); Evaluation difficulty of metoclopramide in acute porphyria (Elder et al 1104 C) (Gorchein 1104 C); Information and plans for communicating (McNamee 1646 Com); Tretinoin in first-trimester of pregnancy (Shapiro et al 1143 R)

Drugs Advertisements in medical journals (Vitry and Mansfield 1477 C) (Alliot 1636 C); Advertisements in medical journals and quality (Alliot 1636 C); Confusion over similar names (Raffaili et al 887 C); Cost reduction measures in Italy and financial rewards for doctors for reduced prescribing (Simini 1232 N); Costs of AIDS drugs and cost-containment by AIDS Drug Assistance Programs in US (Firshein 195 N); Costs in UK, rationing debate and "postcode prescribing" (Dean 1305 N); Counterfeit, in developing countries (McGregor 1690 N); Discovery, antifungal drugs (Bonn 870 N); Essential, quality control and WHO's programme (601 E) (Arya 1106 C) (Lauridsen 1106 C) (Quick and Bremer 1106 C) (Dunne 1712 C); HIV infection treatment, ethics of trials (897 E) (Aaby et al 1546 C) (DeCock et al 1546 C) (Cooper 1547 C) (Semba 1547 C) (Vaughan 1547 C); HIV resistance (Csillag 937 N); HIV resistance and effect of combination therapy *vs* monotherapy (Katzenstein 970 Com) (Brun-Vézinet et al 983) (1712 correction); Light-activated hypericin and new drug prospects (Morris 1826 N); Media scares over safety and breast cancer risk with HRT (1041 E); "Off-label" uses, FDA bill to allow distribution of studies (Ault 1690 N); Paediatric studies required by FDA (Ault 573 N); Prices frozen in Ireland (Birchard 574 N); Pricing in developing countries and false chloroquine resistance (Basco et al 224 C); Research programme and review of cuts in Canada (Kondro 347 N); Spanish policy and cost-containment measures (Bastida and Mossialos 679); Sub-standard in Kenya and government response (Kigotho 1690 N); Supplies for needy psychiatric patients from drug representatives (Lewin-Fetter 1784 C); Testing of athletes in Ireland (Birchard 273 N); Toxicity testing reduction after agreement by licensing agencies in Europe (Mitchell 274 N); Trials *see* Clinical trials; Randomised controlled trials (RCT)

Dublin Convention System for handling asylum seekers in EU (Birchard 722 N)

Duodenal biopsy Diagnosis of Whipple's disease with vascular involvement (case report) (Hastier et al 1362)

Duodenal obstruction In chronic pancreatitis (Mergener and Baillie 1383 S)

Duplex imaging Lower-limb arterial disease (Golledge 1460 S)

DuPont Merck Petitioning of FDA over generic warfarin from Barr Laboratories (Ault 501 N)

Dupuytren's contracture Risks and prevention (Frey 1568 Com)

Dura mater graft CJD with florid plaques after (Japan) (Takashima et al 865 R) (Ironside and Bell 1475 C)

Dye Intradermal, for identification of sentinel lymph node in breast cancer (Borgstein 958 C) (Giuliano 958 C)

Dying Care for *see* Palliative care; Elderly, health care costs attributable to (van Weel and Michels 1159); Regional variations (US) in place of death for elderly (1228 N)

Dysgeusia In carotid artery dissection (case report) (Schievink 260)

Dyskinesia Levodopa-induced in Parkinson's disease and improvement by stimulation of subthalamic nuclei (Krack et al 1676 R)

Dyslipidaemia In NIDDM (Syvänne and Taskinen sI20) (Webster and Scott sI24)

Dysphagia After unilateral hemispheric stroke, mechanism (Hamdy et al 686)

Dystonia Dopa-responsive, GTP-cyclohydrolase I gene mutations (de la Fuente-Fernández 640 R) (Schallreuter and Blau 1254 C); Spastic, treatment with transdermal nicotine (Vaughan et al 565 R)

E

Earth Summit "Sobering" message from (Ivker and Hamilton 42 N)

Earthquakes Increased cardiac deaths (1452 N)

Eastman Kodak Warned of nuclear tests during Cold War (Greenberg 1083 N)

Echinocandins New antifungal agents (Bonn 870 N)

Echocardiography AAC recommendation against in fenfluramine/dexfenfluramine users (Ault 1371 N); In constrictive pericarditis (Chambers and Rimington 1782 C);
Fetalas predictor of chromosomal abnormality (Raymond et al 930 R); web page (Larkin 1454 N)

Economics Costs of cancer, conference (Kiebert and Hutton 1689 N)

Edinburgh Artery Study Submissiveness trait and protection from coronary heart disease (Whiteman et al 541) (Gill and Bell 1247 C) (Meyer et al 1478 C) (Upton 1478 C) (Whiteman et al 1479 C)

Editorials

Abortion number increase and anniversary of UK Abortion Act (1967) 1335
ACGT guidelines on genetic testing and information for patient 969
AMA's endorsement of and exclusive contract for Sunbeam health-care products 529
Asthma conference, research needs, genetics and prevention 1113
BMA's alleged sale of details of members 529
Breast cancer research funding by US Post Office surcharge on stamps 377
Dengue spread to Americas and control of epidemic in Cuba 455
Drug safety scares, breast cancer risk with HRT and communications over drug information 1041
Epidemiology should be re-focussed on public health not molecular epidemiology 229
Ethics industry and HIV drug trials in Africa 897
FP5 programme modification to include research on disability reduction in elderly 1261
Gene therapy supervision and safety concerns 79
Hoechst Marion Roussel's halting of Pimagedine trial and moral responsibility for clinical research 155
Internal medicine, future directions in UK and USA 1641
Labour Government's mishandling of motor racing exemption from tobacco sponsorship ban 1411
Leprosy elimination as WHO goal 1717
Meta-analysis validity and risks in deciding clinical treatment 675
Quality control of essential drugs and WHO's Action Programme on Essential Drugs (DAP) 601
Risk communication on common diseases in women and media role 1563
Social Accountability 8000, standards for international occupational health policies 1187
Tobacco companies' pact undermines FDA's authority and need to eliminate nicotine 1
Tobacco industry expansion despite increase in smoking-attributable disease and compensations 303
Topics in 1997; ethical issues, policy issues, scandals and topics omitted 1789
US proposals to protect patient's privacy exclude law enforcement authorities 823
US Surgeon General nomination, role and politicisation 1489
WHO, election of new Director-General and need to renew commitment to health 749
WHO, open letter to Executive Board and questions for Director-General candidates 751
WHO, support for Director-General and Executive Board and debate on reform agenda 750

Education Children in Kenya and disruption from bilharzia (Kigotho 573 N); Health, at places of worship (Ejidokum et al 223 C); Higher, new funding proposals in "Dearing" report for UK National Committee of Inquiry into Higher Education (Remuzzi and Schieppati 308 Com) (Mitchell 348 N); MBA degrees for physicians (Kuo 828 Com); *See also* Medical education

EGb 761 (Gingko biloba extract) Dementia progression slowed by (Bradbury 1229 N)

Eggs (hens') Dioxin concentrations in US (Ault 267 N)

Egypt Court ruling allowing female circumcision (Kandela 41 N); Doctors prohibited from carrying out female genital mutilation (Reiner 587); Group A streptococcal throat infections and guidelines for treatment (Kaplan 899 Com) (Steinhoff et al 918)

Egyptian mummies Diseases of and investigation techniques (David 450 C) (Nathan 450 C) (Nerlich et al 1404 C)

Ehrlichia chaffeensis Ehrlichiosis in Thailand (Heppner et al 785 R)

Ehrlichiosis In Thailand and causative agent (Heppner et al 785 R)

El Niño (Bouma et al 1435); Diarrhoea and dehydration case number increase in Lima (Peru) (Salazar-Lindo et al 1597 R); Disaster and rescue missions in Horn of Africa (Kigotho 1830 N); Early warning and studies, and implication for disease (McCarthy 344 N); Effect on "haze" in SE Asia and respiratory problems (Easton and Wallerstein 1008 N); Global

assessment of disaster burden (Bouma et al 1435)
El Niño Southern Oscillation (ENSO) (Bouma et al 1435)
El Sarraj, E. Update after release from detention (Reiner 586)
Elastase Stool, as diagnostic test for pancreatic function in cystic fibrosis (Wallis et al 1001 R)
Elastin Impaired synthesis in aorta/arteries during development as initiating event in systemic hypertension (Martyn and Greenwald 953)
Elderly Access to advances in cardiology (Lye 1162) (Hood et al 1779 C); Chinese people protected from heart disease possibly due to green tea (Husten 37 N); Fall-induced injuries (Kannus et al 1174 C); Housing scheme shared with medical students in London (Dawson 791 N); Marital strife effect on immune system and health (Larkin 417 N); Natural order and (Wakley Prize essay) (Karlawish 1833); Placebo *vs* active treatment for systolic hypertension (Syst-Eur trial) (Staessen et al 757) (Nabel et al 1632 C) (Avanzini et al 1633 C) (Coope and Aylett 1633 C) (Staessen et al 1634 C) (1636 correction); Quality of life of people living in community (Japan) (Matsubayashi et al 1521 R); Reduced risk of cardiovascular mortality and impact of total cholesterol levels (Weverling-Rijnsburger et al 1119) (Jónsson et al 1778 C); Regional variations (US) in intensive care and place of death (1228 N); Research on reducing disability in Europe (FP5 programme modification) (1261 E) (Evans 1779 C); Risk of ocular hypertension and glaucoma with oral glucocorticoids (Garbe et al 979); Salt restriction and benefits for stroke prevention (randomised trial) (Elliott 825 Com) (Cappuccio et al 851) (Alderman 1702 C) (Brennan et al 1702 C) (Graudal et al 1702 C) (Cappuccio et al 1703 C); Simvastatin benefits (Husten 1827 N); Systematic geriatric assessment effects (Schroll 604 Com); *See also* Ageing; Ageing Today and Tomorrow essay series
Electrical stimulators To control Parkinson's tremor approved by FDA (Ault 501 N)
Electrocardiogram 12-lead and value after reperfusion therapy in acute myocardial infarction (van't Hof et al 615)
Electrolytes Sweat levels in children with atopic dermatitis (Liebke et al 1678 R)
Electron beam computed tomography (EBCT) Coronary artery calcification detection (Dixon and Coulden 1265 Com)
"Electronic nose" Detection of infections (1228 N)
Elephants TB in (Furley 224 C)
Embolisation of arteries/veins Application of interventional radiology (Thomson 356)
EMEA (European Agency for the Evaluation of Medicinal Products) Evaluation of oral contraceptives (Alexandre and Strandberg 290 C) (Collier et al 1107 C)
Emergency care In disasters and need for improvements (conference) (Healing 1012 N); FDA warning over consent waiver abuses (Ault 1084 N); Weaknesses exposed in UK TV documentary and urgent review called for (Murphy 119 N); *See also* Accident & Emergency treatment
Emergency room Sexual intercourse between doctors and patients (Kondro 942 N)
Emerging diseases Antimicrobial conference report (LeDuc and Hughes 1081 N)
Empathy, physicians Need for improvements (Neuwirth 606 Com)
Emphysema α_1-Antitrypsin deficiency (Carrell and Lomas 135); Susceptibility and gene polymorphism for microsomal epoxide hydrolase (Smith and Harrison 630) (Pirmohamed et al 1553 C) (Smith and Harrison 1553 C) (Paolini and Chieco 1554 C)
Employment Cognitive behaviour therapy effect on finding jobs (McManus 80 Com) (Proudfoot et al 96); Effect of organisational downsizing on health of employees (Vahtera et al 1124); Job control and work environment influencing coronary heart disease incidence (Syme and Balfour 231) (Marmot et al 235) (White 1404 C) (Marmot et al 1405 C); Lack of control at, CHD incidence and mortality relationship (Davey Smith and Harding 1369 R); *See also* Unemployment; Work
Empyema Streptokinase treatment (Lim and Chin 446 C)
Encephalitis Paraneoplastic limbic (case report) (Okamura et al 488) (Duyff 1250 C) (Okamura et al 1250 C) (Schiffman et al 1251 C); In poliovirus vaccine-associated paralytic disease in infant with hypogammaglobulinaemia (case report) (Yeung et al 1594)
Encephalopathy As conformational disease (Carrell and Lomas 134); Hepatic *see* Hepatic encephalopathy
End-of-life care Doctors' communications poor in AIDS and chronic illness in children studies (Macready 1754 N)
End-of-life decisions For neonates/infants in Netherlands (van der Heide et al 251) (Cole 816 C) (Howard 816 C) (Grassin et al 817 C) (White 817 C) (van der Heide et al 1711 C)
Endocarditis Amoxycillin prophylaxis and changes in recommendations (Littler et al 1100 C); Culture-negative, cause of fever of unknown origin (Arnow and Flaherty 578 S)
Endocervical curettage (ECC) Cervical adenocarcinoma in situ (Johnston 1337 Com)
Endocrinology Review of developments in 1997 (Mingrone and Greco sII 4)
Endometrial cancer Risk reduced by low-fat/high-fibre diet (718 N)
Endoscopy Colorectal cancer screening (meeting) (Bhattacharya 1452 N); Virtual, advances and applications (Lehmann 1755 N)
Endothelial cells Dysfunction as basis for infection, inflammation and infarction link (Blann and Lip 293 C) (Hunt and Jurd 293 C)
Endothelin Role/action and levels in renal disease (Hendry and James 381 Com)
Endothelin receptor antagonists Renal indications (Hendry and James 381 Com)
Endothelium Activation markers in prediction of heart transplantation failure (Husten 1079 N)
Endotoxaemia In severe meningococcal disease and new therapies (Duncan 1565 Com) (Smith et al 1590)
Endotoxin Activity in collagenase in islet transplantation and cell preparation (Vargas et al 641 R)
Endotracheal intubation Necrosis of uvula complication after (Harris and Kumar 1820 R)
Endotracheal tube Caecostomy (Harries et al 934 R)
Endourology World Congress report on TURP and HoLRP (Jack 788 N)
Energy-depletion model Heat stroke and support for (Epstein 83 Com)
English language bias In randomised controlled trials (Egger et al 326)
Enoxaparin sodium FDA approval for use in unstable angina and non-Q-wave myocardial infarction (125 N)
Entamoeba histolytica Allicin (from garlic) action against (1148 N)
Enterochromaffin-like cells Role in gastric acid secretion (Yarze 446 C) (Bateman 447 CV)
Enterococci Vancomycin-resistant *see* Vancomycin-resistant enterococci
Enterococcus faecium Vancomycin-resistance (Nelson 1327 c)
Enterocolitis Necrotising, experimental model (Szylit et al 33 R)
Enterolactone Reduced breast cancer risk with (Messina et al 971 Com) (Ingram et al 990)
Enteroviral infections Emerging public health problem, antimicrobial conference report (LeDuc and Hughes 1081 N)
***ENUR1* and *ENUR2* genes** Primary nocturnal enuresis (Super and Postlethwaite 159 Com)
Enuresis Nocturnal, treatment by management of obstructive sleep apnoea (Wengraf 221 C); Primary nocturnal, genetics and management (Super and Postlethwaite 159 Com)
Environment Cytogenetic effects of chronic low-dose gamma-radiation exposure (Chang et al 330); Factors influencing East-West mortality gap (Krzyzanowski and Bobak 1255 C)
Environmental medicine Review of developments in 1997 (Loefler sII 5)
Environmental risk factors Asthma pathogenesis (Becklake and Ernst sII10) (von Mutius sII14); Avoidance in asthma prevention (von Mutius sII14); Childhood asthma (Sears 1016 S)
Eosinophils Activation by mesalazine and Churg-Strauss syndrome due to (Morice et al 1105 C); Asthma pathogenesis (Holgate sII7)
Epidemiology Barrett's oesophagus incidence increase (Prach et al 933 R); Childhood asthma (Sears 1015 S); Descriptive, asthma (Sears sII1); El Niño and global assessment of disaster burden due to (Bouma et al 1435); El Niño warning and implications for disease (McCarthy 344 N); Global burden of disease (Gwatkin 141 C) (Schwartländer 141 C) (Barendregt and Nusselder 142 C) (Kochi and Nunn 142 C) (Appleby et al 143 C) (Eisenberg 143 C) (Matsubayashi et al 144 C) (Murray and Lopez 144 C) (Roberts 144 C); Global HIV epidemic statistics (Morris 1683 N); Global surveillance programme for antibiotic resistance (36 N); Population-adjusted clinical epidemiology (PACE) (Engels and Spitz 677 Com); ProMED-mail for reporting of disease outbreaks on Internet (Mitchell 1610 N); Should be re-focussed on public health not molecular epidemiology (229 E) (Perry 1256 C); In UK (Khaw 53)
Epidural analgesia Bupivacaine and morphine, in phantom limb pain prevention (trial) (Katz 1338 Com) (Nikolajsen et al 1353
Epigenetics Genetic anticipation and (Petronis et al 1403 C)
Epilepsy Arteriovenous malformation of left frontal lobe associated with stalking (case report) (Farnham et al 710) (Phillips 1036 C); Device (NeuroCybernetic Prosthesis) approved by FDA (Ault 268 N); Lack of compliance in developing countries (Gledhill 811 C); Lamotrigine-treated and loss of aura in (Deleu and Hanssens 1751 R); Temporal lobe, sexual seizures in (Reading and Will 1746); Therapeutic use of marijuana allowed by Canadian judge (Kondro 1832 N); *See also* Seizures
Epinephrine Failure to respond to exercise tests in smokers and (Bonn 495 N)
Episodic ataxia type-2 (EA-2) Presenting with sudden ataxia and paraesthesiae (case report) (Melberg et al 1220)
Epoprostenol In primary pulmonary hypertension (Bonn 417 N)
Epoxide hydrolase Microsomal, gene polymorphism and susceptibility to emphysema (Smith and Harrison 630) (Pirmohamed et al 1553 C) (Smith and Harrison 1553 C) (Paolini and Chieco 1554 C)
Epstein/Barr virus Non-Hodgkin's lymphoma association with organochlorines and effect of (Rothman et al 240)
Eptifibatide In unstable angina treatment (Husten 645 N)
Equol Reduced breast cancer risk with (Messina et al 971 Com) (Ingram et al 990)
Erectile dysfunction Treatment with transurethral alprostadil and penile rigidity after (Greco and Polonio-Balbi 1682 R)
Erice Declaration Breast cancer risk with HRT (1041 E) (McNamee 1646 Com)
Erill, S (1562 L)
Erulf's curse Book theft prevention (Sharp 1192 Com) (Neelon 1245) (MacLean 1860 C)
Erotomania Arteriovenous malformation of left frontal lobe associated (case report) (Farnham et al 710) (Phillips 1036 C)
Erythromycin resistance Reduced by campaign to limit use of macrolide antibiotics in Finland (McCarthy 569 N)
Erythropoietin Abuse by sportsmen and deaths (Birchard 273 N)
Escherichia coli Enteroaggregative (EAggEC) and gastroenteritis outbreaks in UK (Smith et al 814 C); Enteropathogenic (EPEC), own receptor formed by *E. coli* and injected into host cells (McCarthy 1605 N); Evasion from antibiotic therapy by residence in macrophage (1080 N); Receptor (Hp90) formed by enteropathogenic strains and injected into host epithelial cells (McCarthy 1605 N); Vaginal colonisation linked to preterm birth, premature concerns (Pearlman and Faix 531 Com)
***Escherichia coli* 0157** Alfalfa sprouts contamination in US (Ault and Morris 567 N); Beef recall after contamination in US (Ault and Morris 567 N); Rapid detection test developed by USDA (Ault and Morris 567 N); Summary of recent outbreaks (Mitchell 1234 N)

Essay

Amulets and poems: one healer's beginnings (Rahman 1848)
Diary of Indian medical student (in India) (Srivastava 286)
Tuberculosis and international importance of problem (Cornwall 660)

Essay series Ageing *see* Ageing Today and Tomorrow series
ESSENCE study Low-molecular-weight heparin *vs* unfractionated heparin in unstable coronary artery disease (Kandela 719 N)
Estonia Health-care system (Rogers 1760 N)
Ethics Exhumation of corpse for paternity testing in France (Durand de Bousingen 1458 N)
Ethics, Department Use of organs from patients in permanent vegetative state (PVS) (Hoffenberg et al 1320)
Ethics, medical Clinical trials and "underpowered" trials (Edwards et al 804) (Griffiths 1406 C) (1636 correction); Code of conduct for research in Canada (Kondro 794 N); Of deliberate conception and collection of cord blood (Warwick 297 C); End-of-life decisions for neonates/infants in Netherlands (van der Heide et al 251) (Cole 816 C) (Howard 816 C) (Grassin et al 817 C) (White 817 C) (van der Heide et al 1711 C); Ethics "industry", professional ethicists and need for ethics to be rooted in clinical practice (897 E) (Bradley 1547 C) (Hobson 1548 C) (Rivlin 1548 C) (Ryan 1548 C) (Shenkin 1548 C) (Burns-Cox 1549 C); HIV drug trials in Africa (897 E) (Aaby et al 1546 C) (DeCock et al 1546 C) (Cooper 1547 C) (Semba 1547 C) (Vaughan 1547 C); Israeli Medical Association's failure to confront torture (Summerfield 63) (Mahler 669 C) (Malnick 669 C) (Prosor 669 C)

(Summerfield 669 C) (Blachar 1247 C) (Summerfield 1247 C); Money and, *The Lancet* editorials (1789 E); New guidelines from Vatican (Simini 874 N); Organ use from patients in permanent vegetative state (PVS) (Hoffenberg et al 1320); Physician complicity in Rwandan genocide (Geltman 64); Research misconduct *see* Scientific misconduct; Of zidovudine trial in Côte d-Ivoire to prevent vertical transmission of HIV (Feinmann 1084 N); *See also* European Bioethics Convention

Ethiopia Childhood pneumonia and rickets association (Smyth and Broderick 811 C); Placebo group abandoned in AZT alternative regimens trial (Kigotho 1831 N); Prevalence of wheeze and asthma in relation to atopy (Yemaneberhan et al 85) (Matthews and Pegge 957 C); Women denied reproductive rights (Crowe 722 N)

Ethnic minority Lay diagnosis and health-care-seeking for chest pain in Asians in UK (Chaturvedi et al 1578); *See also* Racial factors

5-Ethynyluracil Breast cancer chemotherapy (McMenemy and Clark 936 N)

Etidronate Alendronate *vs* in postmenopausal osteoporosis treatment (Rosen 1340 Com)

EUCLID study Albumin excretion reduced in diabetics by lisinopril (Sawicki 662 C) (van Guldener and Donker 662 C) (Williams 662 C) (Chaturvedi et al 663 C) (Pintavorn and Rumsaeng 663 C) (Tripathi 1102 C)

Europe Cold exposure and winter mortality (MacKenzie 590 C) (Bobak 591 C) (Keatinge and Donaldson 591 C) (Mather et al 591 C); Western, socioeconomic equalities in morbidity/mortality (Vågerö and Erikson 516 C) (Wilkinson 516 C) (Mackenback et al 517 C) (Di Carlo et al 518 C); *See also* European Union

European Agency for the Evaluation of Medicinal Products (EMEA) Evaluation of oral contraceptives (Alexandre and Strandberg 290 C) (Collier et al 1107 C)

European Association for Cancer Research Tumour maps development (conference) (Bradbury 869 N)

European Association for Clinical Pharmacology and Therapeutics Symposium on aortic distensibility (Lehmann and Belz 1008 N)

European Bioethics Convention UK delay over signing (Rogers 1151 N)

European Conference of Economics of Cancer (Kiebert and Hutton 1689 N)

European Convention on Human Rights To be incorporated into UK law but shortcomings over psychiatric hospital discharge procedures (Rogers 1306 N)

European Court of Human Rights Award over delayed discharge from psychiatric hospital (UK) (Rogers 1306 N)

European Federation of Internal Medicine (EFIM) (1641 E) (Davidson and Muller 1645 Com)

European Federation of Pharmaceutical Industries and Associations (EFPIA) Concern over proposed clinical-trial legislation (Rogers 1609 N)

European Osteosarcoma Intergroup Simplified *vs* complex chemotherapy schedules for osteosarcoma and effect on outcome (Blum 900 Com) (Souhami et al 911)

European Parliament Directive on intellectual property rights in gene technology approved (Rogers 272 N)

European Respiratory Society Conference and asthma gene discovery (Clark 1008 N)

European Society of Cardiology Working Group on Coronary Circulation, recommendations on stent monitoring (Fishman 194 N)

European Union Alzheimer's disease research (Winblad and Hardy 73 C); Antenatal HIV testing, recommendations (Hudson and Sherr 1783 C); Antibiotic resistance and use in animals/animal feeds to be investigated (940 N); Ban on smoking in workplace (WHO proposals) (Mitchell 940 N); Changed views on "drug culture" (Birchard 1457 N); Comparative advertising legislation not to affect doctors (Rogers 872 N); Council of Europe summit and proposals to ban human cloning (Rogers 1012 N); Directive on Working Time and plan for inclusion of junior doctors (272 N); Drug evaluation harmonisation to lead to fewer animal tests (Mitchell 274 N); Drug industry concern over clinical-trial legislation proposals (Rogers 1609 N); Dublin Convention on asylum seekers (Birchard 1832 N); Dublin Convention system for handling asylum seekers (Birchard 722 N); FP5 modification to include research on reducing disability in elderly (1261 E) (Evans 1779 C); Health benefits of single currency (Rogers 1305 N); Health-care bribes and poor health care systems in countries aspiring to join (Rogers 1760 N); Internal (general) medicine and future directions (1641 E); Medical qualifications and mutual recognition (272 N); Medical research and landmine detection funding to be increased (Rogers 1233 N); Sustainable City of the Year awards/campaign and report (McCarthy 1722 Com)

Europeans Lay diagnosis and health-care-seeking for chest pain in Asians in UK (Chaturvedi et al 1578); RhD-negative and differences from RhD-negative Africans (Daniels et al 862 R)

Eurotransplant system Liver transplantation allocation system (de Rave 1107 C)

Euthanasia Cerebral palsy case and debate in Canada (Kondro 1458 N)

Evidence-based diagnostic radiology (Dixon 509)

Examinations Male medical students at disadvantage (Acheson 964 C) (Alexander and Dugdale 1711 C) (Matsubayashi 1711 C)

Exercise tests To identify smokers at high risk of death (Bonn 495 N)

Exercise training Intermittent claudication treatment (Golledge 1461 S)

Exhumation For paternity testing in France (Durand de Bousingen 1458 N)

Experimental allergic encephalomyelitis Long-chain linoleic-acid metabolites treatment (Bradbury 1685 N)

Extracorporeal Membrane Oxygenation (ECMO) trial Informed consent and parent confusion over (Mason et al 1416 Com)

Eye disease In Behçet's disease and response to interferon-α (Grimbacher et al 1818)

F

Factor B In cerebrospinal fluid in meningitis (892 correction)

Factor VII Increase due to high fat meal, heart disease and stroke risk (Fricker 1603 N)

Factor VIII Concerns over safety and nvCJD transmission (Ludlam et al 1704 C); Recombinant, for haemophiliacs in Ireland (Birchard 1529 N)

Faecal incontinence Idiopathic megacolon/megarectum due to additional smooth muscle layer (case report) (Hart et al 110)

Fainting Management by raising arms (Simini and Fritz-Simini 744 C)

Falls Injuries caused by in elderly (Kannus et al 1174 C)

Familial adenomatous polyposis Molecular genetic tests in surgical management (Evans et al 1777 C)

Familial amyloidotic polyneuropathy Liver transplantation in Japanese with (Ando et al 593 C)

Familial Mediterranean fever As cause of fever of unknown origin (Arnow and Flaherty 580 S)

Family planning "Mexico City" policy barring aid reinstated in US (Rovner 793 N); Teenage, US amendment to bill (Rovner 872 N); US funding ban dropped (Rovner 1608 N)

Family practitioners *see* General practitioners

Farm workers Pesticide exposure in Kenya (Kigotho 1528 N)

Farmers Prion protein types in CJD in (Hill et al 188 R)

Fat Diet low in and reduced risk of endometrial cancer (718 N); High fat meals (quantity not quality) associated with increased factor VII and heart disease/stroke risk (Fricker 1603 N); Quantity or types (quality) associated with heart disease and stroke risk? (Bradbury 1603 N) (Fricker 1603 N); *See also* Fatty acids; Lipids

Fatigue failure Lumbar discs (Adams and Dolan 734)

Fatty acids Bromocriptine benefits in hyperinsulinaemia (Finkel 1150 N); Long-chain linoleic-acid metabolites in multiple sclerosis treatment (Bradbury 1685 N)

Fear Amygdala subsystems for reflexive and voluntary responses (Larkin 268 N)

Feet *see* Foot

Female circumcision Doctors prohibited from procedure in Egypt, update (Reiner 587); Egypt's Court ruling allowing (Kandela 41 N)

Femoral cartilage Damage, autologous chondrocyte culture system approved by FDA (724 N)

Fenfluramine AAC recommendation against echocardiogram in users (Ault 1371 N); Phentermine combination and FDA warning over valvular heart disease (Ault 189 N) (Ault 501 N); Recalled in US (Ault 867 N)

Fentanyl citrate Oral transmucosal (Actiq) approved for use as "lollipop" painkiller (Ault 942 N)

Fertility Hepatitis C risk after use of sperm from HCV-positive donor in Italy (Simini 1689 N)

Fertility therapy Very-low-birthweight infants associated (Moore 1080 N); *See also* Infertility

Fetal Echocardiography Web page (Larkin 1454 N)

Fetal nuchal translucency test For Down's syndrome (Neilson 754 Com) (Cuckie 1629 C) (Soothill and Kyle 1629 C) (Grudzinskas and Chard 1630 C) (Makrydimas and Lolis 1630 C) (Monni et al 1631 C) (Neilson 1631 C) (Wald and Rodeck 1632 C)

Fetuin Protection of fetus from TNF (Wang et al 861 R)

Fetus ACE inhibitors in early pregnancy effect (Lip et al 1446 R); Canadian ruling on rights (Kondro 1377 N); DNA in maternal plasma and serum Lo et al 485); Echocardiography as predictor of chromosomal abnormality (Raymond et al 930 R); Growth, role in development of polycystic ovary syndrome (Cresswell et al 1131); Intrauterine growth retardation (IUGR) due to placental hypoxia or hyperoxia? (Ahmed and Kilby 825 Com); Malformations *see* Congenital malformations; Protection from TNF by fetuin (Wang et al 861 R); Risk of loss with early amniocentesis *vs* chorionic villus sampling (trial) (Sundberg et al 697) (Eiben et al 1253 C) (Gurwitz 1254 C); Sex differences in mouth movements (Hepper et al 1820 R)

Fever In children and need for restrictive criteria for empirical use of antibiotics (Stamos and Shulman 84 Com) (Pollard et al 811 C); In cystic fibrosis associated with intravenous antibiotics (Mallon et al 1676 R); Factitious (Arnow and Flaherty 579 S); In psittacosis (case report) (Chang and Veitch 1674); Unreliable reporting by carers in tropical African countries and recommendations (Einterz and Bates 781 R) (Konotey-Ahulu 1549 C) (Morgan et al 1549 C) (Dunyo et al 1550 C) (Tahzib 1550 C)

Fever of unknown origin (FUO) (Arnow and Flaherty 575 S) (Galanakis et al 1401 C) (Sood et al 1782 C)

Feverfew Melatonin in, medicinal value and need for biochemical characterisation (Murch et al 1598 R)

***FHIT* tumour suppressor gene** In lung cancer (conference) (Bradbury 869 N)

Fibrin glue For bleeding peptic ulcers (trial) (Blackstone 679 Com) (Rutgeerts et al 692) (Albillos and Calleja 1397 C) (Gullarton and Galloway 1397 C) (Rugeerts et al 1398 C)

Fibroblasts Induction of matrix metalloproteinase 1 (MMP-1) by UVA-1 phototherapy in morphea (Gruss et al 1295 R)

Fibrosis Pathology, role of relaxin and halofuginone treatment prospects (Fishman 570 N)

Fieldwork In tropical countries and duplicate frozen samples (Theakston 68 C)

Filarial disease Serious reactions to mass treatment with ivermectin for onchocerciasis in regions endemic for (Burnham 2 Com) (Gardon et al 18)

Filariasis, lymphatic Albendazole and ivermectin alone *vs* combined therapy (Addiss et al 480) (1036 correction); Field trial of rapid card test for *Wuchereria bancrofti* (Freedman et al 1681 R)

Finasteride Male-pattern baldness treatment (Marks 36 N)

Finland Cervical cancer increase (Harrison and Seppälä sIII 16); Erythromycin resistance reduced by campaign to limit use of macrolide antibiotics (McCarthy 569 N); Measles elimination (Peltola et al 1364 R)

Fire In hyperbaric oxygen facility in Italy (Simini 1375 N)

Firearm wounds Treatment in Brazil (Csillag 126 N)

Fish From Minamata Bay declared safe (Watts 422 N)

Fish-odour syndrome Genetic basis (Larkin 1684 N)

Flavin-containing mono-oxygenase 3 (FMO3) Mutation in fish-odour syndrome (Larkin 1684 N)

Flow-mediated dilatation Cardiovascular disease assessment in diabetics (Lehmann et al sI16)

Fluorescent in-situ hybridisation Detection of gene deletions in metastatic tumour cells (Pack et al 164 R) (Caldas 231 Com) (Anderson 962 C) (Baum and Vaidya 962 C)

^{18}F-Fluorodeoxyglucose positron emission tomography Inflammatory bowel disease activity measurement (Bicik et al 262 R); Whole-body, cancer screening with (Yasuda and Shohtsu 1819 R)

Fluorouracil Breast cancer chemotherapy (McMenemy and Clark 936 N); Chronotherapy in metastatic colorectal cancer (trial) (Lévi et al 681) (Sandor 1325 C) (Lévi et al 1326 C)

Fluoxetine Pindolol with in depression (Isaac and Tome 288 C) (Bordet et al 289 C) (Terao 289 C)

Fluvoxamine Sexual dysfunction reduced (Magee 36 N)

Folate/folic acid Intake to be increased in MTHFR mutation in prevention of neural tube defects (Wilcken 603 Com) (Rizzari et al 1479 C); Intake recommendations and minimum effective dose for food fortification (Whitehead and Bates 1642 Com) (Daly et al 1666); Interference with methotrexate (Hajenius et al 774) (Simone et al 1556 C); Red-cell, low levels associated with thermolabile MTHFR variants (Molloy et al 445 C) (Wright 445 C); Supplements and prevention of neural tube defects (UK survey) (Wild et al 30 R) (Howell et al 664 C) (Hurren et al 664 C) (Wald and Hackshaw 665 C); Terathanasia as mechanism for protective effect against birth defects (Hook and Czeizel 513) (Burn and Fisk 1322 C) (Hall 1322 C) (Hook 1323 C) (Schorah et al 1323 C) (Giagounidis et al 1712

C); Use in Netherlands and spina bifida prevention (1372 N)
Folinic acid Chronotherapy in metastatic colorectal cancer (trial) (Lévi et al 681) (Sandor 1325 C) (Lévi et al 1326 C)
Follicle stimulating hormone Recombinant, treatment of prepubertal gonadotrophin-deficient boys (Raivio et al 263 R)
Food Dioxin concentrations in US (Ault 267 N); Folate fortification and minimum effective doses (Whitehead and Bates 1642 Com) (Daly et al 1666); High fat meal, increase in factor VII leading to risk of heart disease and stroke (Fricker 1603 N); Irradiation, FDA bill (Ault 1690 N); Irradiation of meat and FDA approval (Ault 1760 N);
LabellingFDA bill progress (Rovner 1013 N); FDA bill signed (Rovner 1689 N)
Maize flour contamination by toxigenic fungi and mycotoxins in Kenya (Kigotho 718 N); Phyto-oestrogens in and breast cancer risk reduction (Messina et al 971 Com) (Ingram et al 990); Red meat linked to cancer in COMA report (Dawson 1007 N); Research programme and review of cuts in Canada (Kondro 347 N); Shortages in North Korea stabilised (McGregor 1307 N); *See also* Diet; Food safety; Nutrition
Food and Drug Administration (FDA) Anti-IL-2 antibodies recommended for graft rejection prevention (1376 N); Approval for human recombinant interleukin-11 for prevention of chemotherapy-associated thrombocytopenia (Ault 416 N); Approval sought for home test to check children for drug abuse (1086 N); Authority to regulate tobacco undermined by tobacco companies' pact with attorneys general (1 E); Celgene's thalidomide "approvable" (1086 N); Cross-border pilot study on medical device (stent) testing (Fishman 274 N); Diet-drug combination (fenfluramine and phentermine) warning (Ault 189 N); Dioxin concentrations in foodstuffs (Ault 267 N); DuPont Merck petition over generic warfarin from Barr Laboratories (Ault 501 N); Electrical stimulators to control Parkinson's tremor approved (Ault 501 N); Enoxaparin approved for use in unstable angina and non-Q-wave myocardial infarction (125 N); Epilepsy device (NeuroCybernetic Prosthesis) approved (Ault 268 N); "Fast-track" for new antifungal drugs to combat opportunistic mycoses (Bonn 870 N); Funding to enforce tobacco control rules decision reversed by Congress (Rovner 792 N); Funding to enforce tobacco control rules rejected by Congress (Rovner 346 N); Gene therapy conference and safety concerns (79 E); Genzyme's autologous chondrocyte culture for treatment of femoral cartilage damage approved (724 N); Inclusion of women of child-bearing potential mandatory in trials (1086 N); Irradiation of meat, safe and effective (Ault 1760 N); Legislation on distribution of studies on "off-label" uses of drugs (Ault 1690 N); Legislation on food irradiation (Ault 1690 N); Legislation progress for overhaul of operations, medical device reviews and food/nutrition labelling (Rovner 1013 N); Legislation signed for medical devices, nutritional supplements and food label control (Rovner 1689 N); Liarozole fumarate rejected for use in advanced prostate cancer (125 N); Limitation of authority on nicotine regulation not supported by President (Rovner 195 N); Lollipop painkiller (Actiq) approved (Ault 942 N); Mitoguazone dihydrochloride rejected in AIDS-related non-Hodgkin's lymphoma (125 N); NeuroControl Corp's Freehand system approved (724 N); Overhaul bill passed by US House (Rovner 1153 N); Paclitaxel use in AIDS-related Kaposi's sarcoma (125 N); Paediatric drug studies required (Ault 573 N); Phototherapy approved for use in T1-stage non-small-cell lung cancer (1086 N); Prandin (repaglinide) approved for use in NIDDM (1760 N); Public comment sought on 1990 interim rule for Gulf War waiver (Ault 421 N); Raloxifene, approval for use in osteoporosis prevention (1760 N); Rituximab approved for non-Hodgkin's lymphoma treatment (Ault 416 N); Safety of triazolam (Halcion) backed by advisors (Ault 1760 N); Sensor Pad approved for breast self-examination (Ault 1604 N); Sibutramine (obesity drug) approval (1760 N); T-scan not approved for differentiation of malignant/benign breast lumps (Ault 1604 N); Thalidomide approval likely after advisory panel vote (Ault 873 N); Tobacco control and support by US President (Gray and Doyle 890 C); Tobacco "deal" progress slow after President's intervention (940 N); Transmyocardial revascularisation (TMR) laser system declined over missing data and unknown mechanism (Ault 420 N); User-fee programme to be renewed (Rovner 1153 N); User-fee programme due to expire (Rovner 1013 N); Warning and information on consent waiver in emergencies (Ault 1084 N); Weak backing for Baxter International's stem-cell separator (Ault 346 N)
Food safety HACCP to be mandatory in Europe (Mitchell 1234 N); Programmes to prevent cholera from street-vended food (Estrada-Garcia 1032 C); Struggle to regain consumers' confidence after recent problems (Mitchell 1234 N); Worldwide proposals for improvements and development of regulations (Mitchell 1234 N)
Food Safety Authority Ireland (940 N)
Food-borne disease Cholera and street-vended food (Estrada-Garcia 1032 C); Cryptosporidiosis outbreak linked to school milk (Gelletlie et al 1005 R); *Cyclospora cayetanensis* outbreaks in US (Ault 343 N); Fungal contamination of barley and Kashin-Beck disease due to (Chasseur et al 1074 R); Key outbreaks/problems (international) (Mitchell 1234 N); *Listeria monocytogenes* meningitis in adults (Calder 307 Com) (Jones et al 1034 C); Prevention by beef recall after *Escherichia coli* O157 contamination in US (Ault and Morris 567 N)
Foot Granulocyte colony-stimulating factor therapy for infection in diabetics (trial) (Gough et al 855); Injury by thumb tacks in diabetics (Teelucksingh and Narayansingh 74 C); Surgery (Bligh and Rice sIII 21); Yellow due to disulfiram and carotenes (Santonastaso et al 266 R) (Lipsky et al 1176 C)
Forensic medicine Review of developments in 1997 (Cordner and Ranson sIII 6)
Forensic science Identification of Guevara's body and hero's burial in Cuba (Kandela 1154 N)
FP5 programme Modification to include research on reducing disability in elderly (1261 E) (Evans 1779 C)
Fracture Intervention Trial (FIT) Alendronate therapy for osteoporosis (Rosen 1340 Com)
Fractures Corticosteroid-induced, prevention by bisphosphonate etidronate (Frankel 495 N); Vertebralreduction by etidronate *vs* alendronate in osteoporosis (Rosen 1340 Com); reduction by parathyroid hormone in postmenopausal women with osteoporosis on HRT (Lindsay et al 550)
Framework Programme, 5th (FP5) Modification to include research on reducing disability in elderly (1261 E) (Evans 1779 C)
Framingham Offspring Study Exercise tests to identify smokers at high risk of death (Bonn 495 N)
France Clowning on children's wards (Oppenheim et al 1838); Exhumation of corpse for paternity testing (Durand de Bousingen 1458 N); HHV-8 and multiple myeloma association absent (Marcelin et al 1144 R); Lists of dangerous hospitals published (Durand de Bousingen 1013 N); Medical association's apology to Jews (Durand de Bousingen 1153 N); Transplantation waiting list (Romano et al 372 C) (de Rave 1107 C)
Fraud Scientific *see* Scientific misconduct; US Medicare and tougher action to be taken (Mitchell 722 N)
Free radicals Ageing mechanism (Finkel 1150 N)
Freehand System FDA approval for quadriplegics (724 N)
FRISC study Low-molecular-weight heparin *vs* unfractionated heparin in unstable coronary artery disease (Kandela 719 N)
Fruit In diet and improved lung function (Bonn 120 N)
Fuel Fossil, global climate policies on combustion of and public health improvements (Working Group on Public Health and Fossil-Fuel Combustion 1341)
Fulminant hepatic failure Hepatitis E-associated in non-pregnant young women (Zijlstra et al 289 C)
Fungi Contamination of barley and Kashin-Beck disease associated (Chasseur et al 1074 R); Toxigenic, contamination of maize flour in Kenya (Kigotho 718 N)
Fusobacterium necrophorum Lemierre syndrome due to and presenting features (case report) (Vohra et al 928)

G

Gaetano, G. de (968 L)
Gambia Trachoma reduction without disease-control programme (Numazaki et al 447 C)
Gamma-radiation Coronary restenosis treatment (Husten 1009 N); Cytogenetic effects of chronic low-dose and low-dose rate exposure from irradiated buildings (Chang et al 330); Dose received by family members of ^{131}I-treated patients with thyroid cancer (Mathieu et al 1074 R); Tsetse fly eradication (conference) (Glass 1086 N)
Ganciclovir Oral, efficacy and safety in prevention of CMV disease in liver transplant recipients (trial) (Goodrich and Khardori 1718 Com) (Gane et al 1729)
Garlic Beneficial actions of allicin from (1148 N)
Gastric acid Proton pump inhibitor mechanisms and dependence (Zermansky 447 C); Secretion and diagrammatic error (Yarze 446 C) (Bateman 447 CV)
Gastric carcinoma Diagnosis in Japan and western countries (Rugge et al 448 C) (Stolte 448 C) (524 correction)
Gastric tonometry Blood gas analysis with in estimates of mesenteric ischaemia and splanchnic perfusion (Rhodes et al 413 R)
Gastric ulcer Proton pump inhibitor treatment, mechanisms and dependence (Yarze 446 C) (Bateman 447 C) (Zermansky 447 C); *See also* Peptic ulcers
Gastrin-releasing peptide receptor Expression as marker of long-term smoking (Bradbury 568 N)
Gastroenteritis Outbreaks associated with enteroaggregative (EAggEC) *E coli* (Smith et al 814 C); Rhesus-human reassortant rotavirus vaccine in prevention (trial) (Joensuu et al 1205)
Gastroenterology Review of developments in 1997 (Baillie and Jowell sIII 7)
Gastroenteropancreatic system Neuroendocrine tumours of, mutations in *MEN I* gene associated (Toliat et al 1223 R)
Gastrointestinal bleeding BLEED as emergency room evaluation technique (McCarthy 496 N); In Crohn's disease and thalidomide treatment (Wettstein and Meagher 1445 R)
Gastrointestinal motility Irritable bowel syndrome (Maxwell et al 1692 S)
Gaza UN warning over (McGregor 650 N)
Gender Differences in management after heart attacks (Bonn 343 N)
Gene Cardiovascular gene expression (Grace 1826 N); Cloning *see* Cloning; Thrifty, in NIDDM (Zimmet and Alberti sI2)
Gene technology European Parliament approval for directive on intellectual property rights (Rogers 272 N)
Gene therapy Cystic fibrosis (Britton and Knox sIII 24); Expression restricted to single cell type (718 N); Prodrug activation systems (Martin et al 1793 Com); Regulatory supervision and safety concerns (79 E); Rheumatoid arthritis (Isaacs 1524 N); Targeting strategies (transduction and transcription) (Martin et al 1793 Com); Vascular, in peripheral artery disease (McCarthy 1451 N)
Genentech IGF-1 trial halted and implications for diabetes and drug industry (Mitchell 1606 N)
General Medical Council Gynaecologist found guilty of professional misconduct over removal of ovaries and fallopian tubes (Brahams 1014 N)
General medicine European perspectives (1641 E) (Davidson and Muller 1645 Com)
General practice Lay diagnosis and health-care-seeking for chest pain in Asians in UK (Chaturvedi et al 1578)
General Practice Research Database (GPRD) Unique value and funding problems (Jick 1045 Com) (Wallye and Mantgani 1097)
General practitioners (GPs) Fundholding to end (Dean 1829 N); Fundholding uncertainty in UK (Dean 271 N); Internal medicine and future directions (1641 E); Role in new managed health care system in UK (Dean 1829 N); Routine care *vs* non-directive psychotherapy (Tylee 1643 Com) (Friedli et al 1662); *See also* Doctors; Physicians
Generalism in medicine Future of internal medicine (1641 E) (Davidson and Muller 1645 Com)
Genetic counselling Before intracytoplasmic sperm injection (In't Veld et al 490 R)
Genetic differences Human, US panel to study and cautions over results (McCarthy 1306 N)
Genetic disorders Prenatal/preimplantation diagnosis and Islamic view (El-Hashemite 223 C) (Sanlhu 1035 C)
Genetic engineering Maize, Austrian ban (Glass 1457 N); *See also* Biotechnology
"Genetic piracy" Concerns over EU directive on intellectual property rights (Rogers 272 N)
Genetic prodrug activation therapy (Martin et al 1793 Com)
Genetic testing ACGT guidelines and information required from companies (969 E) (Sharp 1013 N); Ban on discrimination by insurers endorsed by US President (Rovner 272 N); *BRCA1* and *BRCA2* gene (Bradbury 936 N); Familial adenomatous polyposis and surgical management (Evans et al 1777 C)
Genetics Review of developments in 1997 (Swift and Shapiro sIII 8)
Genetics Institute Human recombinant interleukin-11 for prevention of thrombocytopenia associated with chemotherapy (Ault 416 N)
Genitalia Ambiguous, in infant after in utero exposure to tamoxifen (Tewari et al 183 R)
Genome Microbial, applications to vaccinology (Moxon 1240); *Mycobacterium tuberculosis*, sequencing (conference) (Abdulla 1604 N); *Plasmodium falciparum*, project (496 N); Sequencing of bacteria/parasites (Moxon 1242)
Genzyme Autologous chondrocyte culture for treatment of femoral cartilage damage (724 N)
German Democratic Republic (GDR), former Testicular cancer decline after reunification (Becker and Boyle 744 C)
German language bias In randomised controlled trials

(Egger et al 326)
Germany Absence of Borna disease virus-specific RNA in psychiatric patients (Lieb et al 1002 R); Diphtheria immunity in blood donors (Stark et al 932 R); Doctors protest over "bugging" law (Durand de Bousingen 1832 N); Lists of best doctors and anger over publication (Durand de Bousingen 1013 N); Measures to alleviate financial problems of health care in former GDR (1832 N); "Miracle cancer healer" sentenced (Durand de Bousingen 874 N); Testicular cancer decline after reunification (Becker and Boyle 744 C)
Gestation Length, role in development of polycystic ovary syndrome (Cresswell et al 1131)
Gestational diabetes Exercise to reduce risk (Bonn 1685 N)
Ghana Women denied reproductive rights (Crowe 722 N)
Giant-cell arteritis Cause of fever of unknown origin (Arnow and Flaherty 579 S); Microscopic haematuria as diagnostic aid (Manna et al 1226 R); Polymyalgia rheumatica association (Salvarani et al 43 S)
Giardiasis In holiday-makers and cost liability (Hardie et al 964 C)
Gingko biloba extract Dementia progression slowed by (Bradbury 1229 N)
GISEN Group study Ramipril in non-diabetic renal failure (REIN) (Krämer and Schweda 736 C) (Porter 736 C) (Ruggenenti et al 736 C) (Tripathi 1102 C)
Glaucoma Open-angle, risk in elderly on oral glucocorticoids (Garbe et al 979)
Glaxo Wellcome Malarone-donation programme for Africa and concerns over (Bloland et al 1624) (Foege 1628 C); Troglitazone withdrawal from UK market (Mingrone and Greco sIII 4) (Mitchell 1685 N)
Gliosis Temporal lobe vascular abnormality and presentation with sexual seizures (case report) (Reading and Will 1746)
Global warming Health warning letter to international leaders (Climate Change Meeting) (Morris 1609 N); Kyoto meeting *see* Climate Change Meeting (Kyoto); Physicians' warning on consequences (McCurry 1825 N); Predictions questioned and role of other factors (Morris 1825 N); *See also* Climate
Glomerulonephritis In psittacosis (case report) (Chang and Veitch 1674)
Gloves Surgical, hazards of starch powder and latex proteins (Poole 973 Com) (Davis et al 1783 C)
Glucagon Release by alanine and bedtime administration of alanine to diabetics to prevent nocturnal hypoglycaemia (496 N)
Glucocorticoids Oral, risk of ocular hypertension and open-angle glaucoma in elderly after (Garbe et al 979)
Glucose Bromocriptine benefits in hyperinsulinaemia (Hopkins 1372 N); Decreased cerebral metabolism in early dementia diagnosis (416 N); Diagnostic guidelines (US) for diabetes (Moore 37 N); *See also* Glycaemic control; Hyperglycaemia; Hypoglycaemia
Glutamic acid decarboxylase (GAD) Autoantibodies in prediction of insulin requirement in NIDDM (UKPDS 25) (Turner et al 1288)
Glutamine Supplementation in artificial nutritional support (Powell-Tuck 534 Com)
Gluten-free diet Unresponsiveness in adults with autoimmune enteropathy (Corazza et al 106) (Mirakian et al 959 C) (Biagi and Corazza 960 C)
Glycaemic control Improvement by chromium intake in NIDDM (Bradbury 1453 N); Improvement by insulin with IGF-1 therapy in IDDM in adolescents (trial) (Møller and Ørskov 1188 Com) (Acerini et al 1199) (Mitchell 1606 N); Poor in young IDDM patients associated with poor compliance with insulin therapy (Morris et al 1505); *See also* Diabetes mellitus; Hyperglycaemia; Hypoglycaemia
Glycoprotein IIb/IIIa *see* Platelets
Goitre Endemic, eradication by use of iodised rapeseed oil (Ingenbleek et al 1542); Non-toxic diffuse, radioiodine treatment (Hegedüs and Bennedbaek 409 R)
Gonadotrophin deficiency RFSH treatment of prepubertal boys (Raivio et al 263 R)
Gorham's disease α-2b interferon and oral clodronate (Hagberg et al 1822 R)
Gothenburg Breast Screening Trial Mammography in 39-49 age group linked to reduced breast cancer mortality (Wunsch 1754 N)
Graft Venous, vascular smooth muscle proliferation inhibition by gene therapy (McCarthy 1451 N); *See also* Transplantation
Graft rejection Prevention by anti-IL-2 monoclonal antibody (1376 N); Prevention by CD28/CD40 (costimulatory signals) blockade (Rowe 1526 N); Prevention/treatment by CTLA4-Ig (B7-fusion protein) and 5C8 (CD40L mAb) (Ault 497 N); Renal, prevention by basiliximab (placebo-controlled trial) (Nashan et al 1193) (1484 correction)
Graft-versus-host disease Halofuginone treatment trial (Fishman 570 N)
Grampian Region Early Anistreplase Trial (GREAT) Prehospital thrombolysis to reduce mortality (Husten 1301 N)
Granulocyte colony-stimulating factor In diabetic foot infection (randomised trial) (Gough et al 855); Subretinal haemorrhage after treatment with (Matsumura et al 336 R) (1406 correction)
GREAT trial Prehospital thrombolysis to reduce mortality (Husten 1301 N)
Green tea Possible protection of elderly Chinese from heart disease (Husten 37 N)
Griffin concept Shared housing for elderly and medical students in London (Dawson 791 N)
Groin Pain, Spigelian hernia presenting as "lipoma" in Dercum's disease (case report) (Harris et al 334)
Growth Intrauterine retardation (IUGR), placental hypoxia or hyperoxia? (Ahmed and Kilby 825 Com)
Growth chart WHO publication of references figures for mid-upper-arm circumference (Macfarlane 150 C)
Growth factors In saliva and wound healing (Playford and Macdonald 369 C)
Growth hormone Rationing (UK) and scrutiny of experts (Nussey 743 C) (Jones et al 1483 C) (Robertson et al 1483 C) (Nussey 1484 C)
Growth-monitoring teaching aid Improvement of mothers' understanding of growth curves (Sohal et al 562 R)
GTP-cyclohydrolase I gene Mutations in vitiligo (de la Fuente-Fernández 640 R) (Schallreuter and Blau 1254 C)
Guarantors Accountability for research published in papers (Horton 5 Com) (Goodman 523 C) (Rennie 1035 C)
Guevara, C Identification of body and hero's burial in Cuba (Kandela 1154 N)
Guillain-Barré syndrome Efficacy of repeated intravenous immunoglobulin (Farcas et al 1747 R)
Guinea-Bissau Vitamin A supplementation simultaneously with measles vaccine and vindication of policy (Ross and Cutts 81 Com) (Benn et al 101) (Semba 1031 C)
Gulf Co-operation Council Organ transplantation conference (Kandela 574 N)
Gulf War Independent testing of UK veterans (Mitchell 793 N); Presidential Advisory Committee report criticism of Pentagon and recommendations for veterans (Greenberg 793 N); Public comment sought by FDA on 1990 interim rule (waiver over consent to treatment) (Ault 421 N)
Gulf War syndrome Sarin exposure estimates announced (McCarthy 346 N)
GUSTO IIb trial Angioplasty *vs* thrombolysis in myocardial infarction (Steinhubl and Topol 532 Com)
GUSTO III study Reteplase and alteplase survival (after myocardial infarction) results similar (Bonn 1229 N)
Gynaecologist Guilty of professional misconduct over removal of ovaries and fallopian tubes (Brahams 1014 N)
Gynaecology Review of developments in 1997 (Harrison and Seppälä sIII 16)
Gynaecomastia Cultural explanation and communication problems (Qureshi 1108 C)

H

Haematological malignancies Benzene association (Bonn 267 N); PACE (population-adjusted clinical epidemiology) use in research (Engels and Spitz 677 Com)
Haematology Review of developments in 1997 (Rozman and Sierra sIII 9)
Haematoma Cause of fever of unknown origin (Arnow and Flaherty 579 S); Vocal cord, after thrombolysis (Laing et al 1677 R)
Haematuria Fixation of urinary sediment (van der Snoek and Koene 933 R); Microscopic, as diagnostic aid in giant-cell arteritis (Manna et al 1226 R); In psittacosis (case report) (Chang and Veitch 1674)
Haemochromatosis HLA-H gene mutation in hepatocellular carcinoma (Willis et al 565 R)
Haemodiafiltration In meningococcus-induced purpura fulminans (Duncan 1565 Com) (Smith et al 1590)
Haemoglobin Glycosylated, increased by isradipine and risk of cardiovascular events associated (Byington et al 1075 R)
Haemophilia A Liver cancer and liver disease mortality after HCV-contaminated blood products (Darby et al 1425)
Haemophilia B AIDS in and severe hepatitis after treatment with indinavir (Matsuda et al 364 C); Liver cancer and liver disease mortality after HCV-contaminated blood products (Darby et al 1425)
Haemophiliacs New variant CJD transmission concerns (Ludlam et al 1704 C); Recombinant factor VIII therapy in Ireland (Birchard 1529 N)
***Haemophilus influenzae* type b (Hib) infection** Meningitis and prevention of hearing loss in (Kaplan 158 Com)
***Haemophilus influenzae* type b (Hib) vaccine** Booster vaccination beneficial or unnecessary? (Böhm and von Kries 68 C) (Heath et al 817 C); Elimination of meningitis and pneumonia by (Dominguez et al 222 C) (Melhus and Hemansson 222 C); Molecular approaches to vaccine development (Moxon 1242); Tetanus protein conjugate vaccine, trial (524 correction)
Haemopoietic stem-cell transplantation (Rozman and Sierra sIII 9)
Haemoptysis Behçet's disease presenting with (case report) (Buchanan et al 28)
Haemorrhage Cerebral, risk after diagnosis of cerebral arteriovenous malformation (Mast et al 1065); Pulmonary, Behçet's disease presenting with (case report) (Buchanan et al 28); Subarachnoid, diagnosis (Craig et al 216 C); Subretinal, after granulocyte colony-stimulating factor treatment (Matsumura et al 336 R) (1406 correction); Variceal *see* Variceal haemorrhage; *See also* Gastrointestinal bleeding
Haemorrhagic dengue *see* Dengue haemorrhagic fever
Haemorrhagic fever with renal syndrome (HFRS) Russian outbreak and viruses associated (Lundkvist et al 781 R)
Hair Abnormalities in Alzheimer's disease (de Berker et al 34 R); Premature greying linked to increased osteoporosis risk (Macready 1524 N)
Hairdresser Stroke after neck extension during hair-washing during visit to (Nwokolo and Bateman 866 R) (Weintraub 1777 C) (Yuzawa and Nozue 1778 C)
Haiti Albendazole and ivermectin alone *vs* combined therapy for *Wuchereria bancrofti* microfilaraemia (Addiss et al 480) (1036 correction); Clinical findings of zombification cases (Littlewood and Douyon 1094)
Haitian refugees Health impact of human rights violations in (Fawzi et al 371 C)
Halcion (triazolam) Safety backed by FDA advisors (Ault 1760 N)
Halitosis Multidisciplinary clinic (Delanghe et al 187 R)
Halofuginone Scarring/fibrosis reduction and clinical trials (Fishman 570 N)
Hamburgers Recall after *Escherichia coli* O157 contamination in US (Ault and Morris 567 N)
Hands Implanted device to stimulate muscles in quadriplegics approved by FDA (724 N); Yellow palms associated with disulfiram use (Santonastaso et al 266 R) (Lipsky et al 1176 C)
Hantaviruses Haemorrhagic fever with renal syndrome (HFRS) outbreak in Russia due to Dobrava virus (Lundkvist et al 781 R); Human-to-human transmission (Markotic 596 C); Re-emergence warning at symposium (Wunsch 1372 N)
Hazard Analysis at Critical Control Points (HACCP) Directive for food industry in Europe (Mitchell 1234 N)
"Haze" in SE Asia Respiratory problems caused by (Easton and Wallerstein 1008 N)
Head injury Apo E ε4 allele polymorphism associated with outcome after (Teasdale et al 1069)
Head-butting HIV and HCV transmission (Brambilla et al 1370 R)
Headache Sudden severe, diagnosis of subarachnoid haemorrhage (Craig et al 216 C); Sudden severe in pituitary apoplexy due to pituitary macroadenoma (case report) (Embil et al 182); Vascular, intracranial meningioma causing and management (Talacchi et al 1004 R); *See also* Migraine
Health Australian priorities and targets (Harrigan 793 N); Bosnia-Herzegovina and problems of divided country (Bower 1011 N); Effect of organisational downsizing on employees (Vahtera et al 1124); Inequalities, origins in national population sample (UK) (Power and Matthews 1584); Inequalities in coronary heart disease incidence related to job control and psychosocial work environment (Syme and Balfour 231) (Marmot et al 235) (Davey Smith and Harding 1369 R) (White 1404 C) (Marmot et al 1405 C); Inequalities in Italy and effect of education on cardiovascular risk (Roncaglioni et al 1557 C); Inequalities of morbidity/mortality in western Europe (Vågerö and Erikson 516 C) (Wilkinson 516 C) (Mackenback et al 517 C) (Di Carlo et al 518 C); Inequalities recognised in UK and publication of Office of National Statistics supplement (Scott-Samuel 753 Com); Inequalities tackled by UK Labour Government (Dean 571 N); Inequalities in US linked to race and income (Mitchell 420 N); Of urban poor to be improved by "bottom-up" approach (international) (Rowe 942 N); Warning over global warming (Climate Change Meeting) (Morris 1609 N); World Bank's strategy for poor and vulnerable

people (Buse et al 1494 Com)
Health care Afghanistan under rule of Taliban (Maley 743 C); Benefits of European single currency (Rogers 1305 N); Charges in Kuwait to dissuade foreign workers (Kandela 42 N); Consequences of global warming and debate over predictions (McCurry 1825 N) (Morris 1825 N); Costs attributable to dying of elderly (van Weel and Michels 1159); Costs in US (Firshein 1456 N); In countries aspiring to join EU (Rogers 1760 N); Czech Republic (Rogers 1760 N); Deterioration in Liberia (Kigotho 939 N); Estonia (Rogers 1760 N); Free care for children in Sweden (Awuonda 873 N); Hungary (Rogers 1760 N); Improvement in US nursing homes (Morris 420 N); Infrastructure for development of new vaccines (Katz 1767); Poland (Rogers 1760 N); Rationing debate in UK prompted by drugs bill (Dean 1305 N); Rationing of growth hormone (UK) (Nussey 743 C) (Jones et al 1483 C) (Robertson et al 1483 C) (Nussey 1484 C); Rationing priorities should be set by UK parliament (Mitchell 196 N); Rationing under scrutiny in New Zealand (Coney 1152 N); Reforms threatened by political unrest in Kenya (Crowe 871 N); Slovenia (Rogers 1760 N); US budget increase but restrictions on abortion funding and needle-exchange programmes (Rovner 1529 N); US budgets approved (Rovner 940 N); US changes provided by budget Bill (Rovner 40 N); World bank's structural adjustment policy criticised at meeting in India (Kumar 1233 N)
Health care workers Hepatitis B transmission from HBsAg-positive/HBeAg-negative surgeons (Eddleston 218 C) (Poole 218 C) (Noone et al 219 C); Post-exposure prophylaxis after accidental prion inoculation (Aguzzi and Collinge 1519 R)
Health economics Inclusion/implications in phase III trials (Fayers and Hand 1025) (Kernick 1781 C) (Thompson and Barber 1781 C)
Health education At places of worship (Ejidokum et al 223 C)
Health and human rights Child labour and health effects (Parker 1395); Egyptian decree prohibiting genital mutilation (Reiner 587); El Sarraj, E. update after release from detention (Reiner 586); Hunger strike update in Turkey (Reiner 587); Landmines and time for ban (Burkhalter 63) (Malik and Basu 891 C); Marzouki, M., harassment in Tunisia (Reiner 586); Medical ethics and Israeli Medical Association (Summerfield 63) (Mahler 669 C) (Malnick 669 C) (Prosor 669 C) (Summerfield 669 C) (Blachar 1247 C) (Summerfield 1247 C); Medina Quispe, N.F., release from imprisonment (Reiner 587); Nurses at risk, Amnesty International report (Welsh 1396); Police brutality in US (Kirschner 1395); Ransome-Kuti, B., update on health status (Reiner 586); Rwanda, physician complicity and rebuilding medical community (Geltman 64); Sumina Taco, F.G., release from imprisonment (Reiner 587); Thida, M., prison sentence in Burma (Reiner 586); Update of developments (Reiner 586); Women in Afghanistan (Reiner 587); *See also* Human rights
Health insurance Australian crisis (Cordner and Ettershank 650 N); Ban on genetic discrimination endorsed by US President (Rovner 272 N); Coverage in US (Firshein 1456 N); For long-term care, in Japan (Arai 1831 N); US changes in budget Bill (Rovner 40 N)
Health of the Nation Redraft for new targets (Dean 571 N)
Health services Research, criticisms (Grewal 523 C) (O'Dwyer 523 C)
Hearing loss Prevention in meningitis (Kaplan 158 Com)
Heart In diabetes *see* Diabetes mellitus; Laser system *see* Transmyocardial revascularisation (TMR) laser system; Size reduction and effect on heart failure (Carpentier 456 Com) (Angelini et al 489 R) (Komamura and Miyatake 1327 C) (Chanda et al 1705 C) (Barsotti et al 1706 C) (Bestetti 1706 C) (Kaisers et al 1706 C); Valve dilator (Treasure 524 C)
Heart attack *see* Myocardial infarction
Heart disease *see* Cardiovascular disease; Coronary heart disease (CHD); Ischaemic heart disease; Valvular heart disease
Heart failure After myocardial infarction, follow-up of AIRE study (AIREX) of ramipril use (Tognoni and Franzosi 366 C) (Dunkley and Hodgson 367 C) (Hall et al 367 C); Beta-blockers and meta-analysis (Bradbury 121 N); Case report correction (Karsten et al 670 correction); Chronic, symptomatic/asymptomatic in left-ventricular systolic dysfunction relationship (McDonagh et al 829); Dofetilide without benefit (Husten 719 N); Effect of left ventricular volume reduction (Carpentier 456 Com) (Angelini et al 489 R) (Komamura and Miyatake 1327 C) (Chanda et al 1705 C) (Barsotti et al 1706 C) (Bestetti 1706 C) (Kaisers et al 1706 C); Left-ventricular-assist devices (LVADs) for home use (Husten 1684 N); Predictive value of natriuretic peptides in primary care (Cowie et al 1349); Sinus rhythm with and digoxin treatment (McMurray and Davie 519 C) (Saunders 519 C); *See also* Congestive heart failure
Heart rate Impairment in smokers with high risk of death (Bonn 495 N)
Heart sounds Training improvements needed for detecting abnormalities (Larkin 719 N)
Heart transplantation Atherosclerosis/failure predicted by markers of endothelial activation (Husten 1079 N)
Heat stroke Exertional, predominance of type II muscle fibres and energy-depletion model (Epstein 83 Com)
Heat-shock proteins Hsp104 involvement in yeast prion-like element change (Wunsch 1372 N)
Helicobacter pylori Catalase vaccine progress (1524 N); Coronary artery disease association and evidence (Lip and Beevers 378 Com) (Danesh et al 430); Eradication before NSAIDs to prevent peptic ulcers (randomised trial) (Chan et al 975) (Savarino et al 1556 C); Genome sequence published and new drug targets (Bradbury 415 N); Regression of MALT lymphoma after eradication (Matsumoto et al 115 R) (Wright 960 C) (Matsumoto et al 961 C); Strains requiring eradication and arguments for/against mass eradication (Graham 70 C) (Oderda et al 71 C) (van Doorn et al 71 C) (Blaser 72 C); Transmission by chopsticks use (Leung et al 31 R)
Hellawell, K Appointment as UK drug czar (1153 N)
Hemispherectomy In children with progressive unilateral cortical disease (Larkin 417 N)
Henoch Schönlein purpura Age-related features (Lahita 1116 Com)
Heparin Low-molecular weight, effect on serum potassium (Wiggam and Beringer 292 C); Low-molecular weight, enoxaparin *see* Enoxaparin sodium; Low-molecular weight and rise in potassium levels (Wong and Kay 664 C); Low-molecular weight *vs* unfractionated heparin in unstable coronary artery disease (trials) (Kandela 719 N); In meningococcus-induced purpura fulminans (Duncan 1565 Com) (Smith et al 1590); Pregnancy outcome improvement in antiphospholipid syndrome (Moore 269 N); In stroke trial *see* IST trial
Hepatic encephalopathy (Jalan and Hayes 1309 S); Pathogenesis and management (Jalan and Hayes 1309 S)
Hepatic failure Fulminant *see* Fulminant hepatic failure
Hepatic metastases In colorectal cancer and treatment by percutaneous MRI-guided laser-induced thermotherapy (Vogl et al 29 R)
Hepatitis In AIDS patient with haemophilia B after treatment with indinavir (Matsuda et al 364 C); Autoimmune type 2, induced by HCV and persistence of (Vento et al 1298 R); Cholestatic, moxonidine-induced (Tamm et al 1822 R); Post-liver transplantation and early HCV prophylaxis to prevent (McCarthy 1228 N); Viral, contribution of J. Hoofnagle (Larkin 938 N)
Hepatitis B Morbidity, after Italian nationwide immunisation campaign (Squarcione et al 114 R)
Hepatitis B virus (HBV) Contaminated blood transfusions in Brazil (Csillag 1085 N); Plasma-derived vaccine, immunogenicity and concerns over Chiel vaccine comparison with recombinant vaccine (Kane and Milstien 1102 C); Transmission from HBsAg-positive/HBeAg-negative health care workers (Eddleston 218 C) (Poole 218 C) (Noone et al 219 C)
Hepatitis C Canadians infected by blood transfusions (Kondro 1688 N); Management and NIH panel meeting (450 correction); NIH Consensus Conference and contribution of J. Hoofnagle (Larkin 938 N)
Hepatitis C virus (HCV) Arrests in Italy after use of sperm from HCV-positive donor (Simini 1689 N); Autoimmune hepatitis type 2 induced by and persistence (Vento et al 1298 R); Blood product contamination and anger over decision not to prosecute Irish doctors found negligent (Birchard 1308 N); Blood product contamination and liver disease/cancer mortality in haemophiliacs (Darby et al 1425); Cirrhosis due to and increase in hepatocellular carcinoma in UK (Taylor-Robinson et al 1142 R); Contaminated blood transfusions in Brazil (Csillag 1085 N); Early prophylaxis to prevent post-transplantation problems (McCarthy 1228 N); Interferon therapy and liver transplantation (meeting) (Bhattacharya 1452 N); Transmission by head-butting (Brambilla et al 1370 R)
Hepatitis E Fulminant hepatic failure in non-pregnant young women (Zijlstra et al 289 C)
Hepatocellular carcinoma Incidence in patients with haemochromatosis gene mutation (HLA-H) homozygosity (Willis et al 565 R); Increase in UK (1979-94) and possible association with HCV-induced cirrhosis (Taylor-Robinson et al 1142 R); Mortality in haemophilic males after HCV-contaminated blood products (Darby et al 1425)
Hepatoma *see* Hepatocellular carcinoma
Hepatosplenomegaly In pericardial constriction (case report) (Lowe et al 1000) (Bernabei et al 1782 C) (Chambers and Rimington 1782 C)
Hepatotoxicity Hydrochlorofluorocarbons (Hoet et al 556) (Rusch 1248 C) (Anders and Dekant 1249 C) (Hoet and Lison 1249 C); Troglitazone (Ault 1451 N) (Mitchell 1685 N)
Herbal drugs Clampdown in UK (Dean 721 N)
Herd immunity (Anderson et al 1466)
Hernia Spigelian presenting as painful groin "lipoma" in patient with Dercum's disease (case report) (Harris et al 334)
Heroin Supervised distribution may be terminated in Switzerland (McGregor 572 N)
Herpesviruses Coronary artery disease association and evidence (Lip and Beevers 378 Com) (Danesh et al 430); *See also* Human herpesvirus
High-density lipoprotein (HDL) Decrease in children induced by passive smoking (Moore 718 N); In NIDDM (Syvänne and Taskinen sl20)
Higher education New funding proposals in "Dearing" report for UK National Committee of Inquiry into Higher Education (Remuzzi and Schieppati 308 Com) (Mitchell 348 N)
Highly-active antiretroviral therapy *see* Antiretroviral therapy
Hip External protectors to prevent osteoporotic hip fractures (Ekman et al 563 R); Fracture prevention by external hip protectors (Ekman et al 563 R)
Hirschsprung Spelling (de Glanville 1860 C)
Histamine Airway responsiveness in COPD and prediction of development/remission of chronic respiratory symptoms (Xu et al 1431)
History *see* Medical history
HIV Antenatal testing, recommendations in Europe (Hudson and Sherr 1783 C); Awareness in marginalised community (Kxoe) in Namibia (Brenzinger and Harms 1180 C); CD4 cell infection blocked by chemokine encoded by HHV8 (1080 N); Cofactors in transmission (Laga and Dallabetta sIII 25); Compulsory testing of doctors in Ireland ruled "impractical" (Birchard 1232 N); Conference report (Atterstam 937 N); Contaminated blood transfusions in Brazil (Csillag 1085 N); Deliberate sexual transmission to women (US case) (Chelala 1376 N); Drug resistance in Brazil (Csillag 937 N); Ethics of trial on zidovudine to prevent vertical transmission (Feinmann 1084 N); HIV-1 and HIV-2 differential transmission (Christiansen et al 562 R); HIV-1 resistance mechanisms (Bonn 1303 N); HIV-1 in semen from isolated virus reservoir (Byrn et al 1141 R); Late postnatal transmission and effect of early weaning (Van de perre et al 221 C); Low-tech HIV-1 test (Serodia-HIV) in Kenya (Kigotho 789 N); Man jailed for infecting woman in Cyprus (Mitchell 422 N); Patient-to-patient transmission to leukaemia patient in hospital (Skovmand 1758 N); Prevalence decline in Uganda (Kigotho 1456 N); Prevention programme for aid workers in Norway (Awuonda 1830 N); Prime/boost vaccine strategy with positive results (Morris 569 N); Transmission, bacterial vaginosis and abnormal vaginal flora morphology relationship (Mayaud 530 Com) (Sewankambo et al 546) (1036 correction) (Ledru et al 1251 C) (Ugwumadu et al 1251 C) (Gray et al 1780 C); Transmission by head-butting (Brambilla et al 1370 R); Transmission prevention in homosexual men by community-level intervention (trial) (Kelly et al 1500); Transmission prevention as part of World Bank oil-pipeline project in Africa (Kigotho 1608 N); Vaccine, alternatives to live-attenuated vaccine (Bangham and Phillips 1620); Vaccine and doctors volunteer for trial (937 N); Vaccine and immune response to (Bangham and Phillips 1617); Vaccine obstacles (Bangham and Phillips 1617); Vaccine requirements (vaccine series article) (Bangham and Phillips 1617); Vaccine trial urged for live-attenuated HIV-1 vaccine (McCarthy 1082 N); Vertical transmission prevention by zidovudine combination therapy (Rowe 788 N); Vertical transmission reduced by zidovudine trial (Kigotho et al 1683 N); World Bank report on priorities (McGregor 1456 N)
HIV infection Advanced, nosocomial transmission of and mortality from multidrug resistant *Mycobacterium bovis* (Guerrero et al 1736); British HIV Association guidelines for antiretroviral therapy (818 correction); In Cambodia and Southeast Asia (Müller et al 288 C) (Neild and Gazzard 963 C); Canadians infected by blood transfusions (Kondro 1688 N); Case identification and notification in US (Mitchell 1306 N); *CCR5* gene deletion (Michael et al 741 C) (Smith et al 741 C) (Garred et al 742 C) (Wang et al 742 C); "Cheetah" therapy with

promising results (Kigotho 1009 N); In China (Neild and Gazzard 963 C); In Colombia and association with drug abuse (Miguez et al 1635 C); Combination drug therapy and effect on viral load and drug resistance (Katzenstein 970 Com) (Brun-Vézinet et al 983) (1712 correction); Containment in Cuba (Burr 647 N); Contaminated blood transfusions and negligence finding for Canadian Red Cross Society (Kondro 1154 N); Deliberate sexual transmission to women (US case) (Chelala 1376 N); Of dendritic cells and inhibition by macrophage-derived chemokine (MDC) (1302 N); Didanosine and hydroxycarbamide treatment and absence of viral rebound (Vila et al 635 R); Distinguishing between infection and response to HIV vaccines and need for new tests (Weber 230 Com) (Schwartz et al 256) (Johnston and Goudsmit 1108 C); Drug improvements (conference report) (Atterstam 937 N); Drug trials in Africa and ethical issues (897 E) (Aaby et al 1546 C) (DeCock et al 1546 C) (Cooper 1547 C) (Semba 1547 C) (Vaughan 1547 C); Expression in brain cells inhibited by diazepam (1523 N); Global burden (Schartländer 141 C) (Murray and Lopez 144 C); Global epidemic statistics by year 2000 (Morris 1683 N); Global pandemic (Mann sIII 23); IgE-based assay for early detection in infants (Miguez-Burbano et al 782 R); Indinavir in CSF (Ståhle et al 1823 R); Kaposi's sarcoma and HHV8 effect on HIV-1-related dementia (1080 N); Perinatal, viral kinetics in (Krivine et al 493 R); Placebo group abandoned in AZT regimens trial in Ethiopia (Kigotho 1831 N); Poor survival predicted by selenium deficiency (1148 N); Prevention and cost-effectiveness of improving treatment of sexually transmitted diseases (Gilson et al 1805); Progression and AIDS-defining disorders in rural Uganda (Morgan et al 245); Protease inhibitors associated with benign symmetric lipomatosis (Hengel et al 1596 R); Protease inhibitors associated with hyperglycaemia (Dubé et al 713 R); Review of developments in 1997 (Volberding sIII 10); Shedding of cells from cervix/vagina and factors influencing (Mostad et al 922); Suppression by macrophage-derived chemokine (MDC) (1302 N); T-cell recovery after highly-active antiretroviral therapy (HAART) (Rowe 720 N); Triple-combination antiretroviral therapy in sub-Saharan Africa (Hogg et al 1406 C); Vaccine development and immunotherapy (conference report) (Morris 1009 N); Virus persistence after HAART therapy and new alternative drugs sought (Morris 1523 N); Virus shedding in semen associated with urethral *Trichomonas vaginalis* infection (Jackson et al 1076 R); *See also* AIDS; Antiretroviral agents

HLA-A2 allele Alzheimer's disease early onset time link (McCarthy 568 N)

HLA-DR Marker of endothelial activation for prediction of heart transplantation failure (Husten 1079 N)

HLA-H mutation In haemochromatosis and hepatocellular carcinoma incidence in (Willis et al 565 R)

Hodgkin's disease Treatment in children and family history of breast cancer after (Bhatia et al 888 C)

Hoechest Marion Roussel Halting of Pimagedine trial and moral responsibility for clinical research (155 E) (Viberti et al 214 C) (Langer 890 C) (Hopf 891 C)

Hoffenberg, B (896 L)

Holmium YAG lasers Prostate resection, World Congress report (Jack 788 N)

Home health-care products AMA reversal of endorsement plans (Ault 648 N); Blood pressure measurements in early warning of hypertension (Moore 1753 N); Sunbeam products *see* Sunbeam

Home-care Moratorium on Medicare providers in US (873 N)

Homocysteine Defective metabolism as risk factor for diabetic retinopathy (224 correction)

Homoeopathy Meta-analysis of placebo-controlled trials and concerns (Vandenbroucke 824 Com) (Langman 825 Com) (Linde et al 834); Need for scientific studies and role in integrated medicine (Horton 1374 N)

Homosexual men Community-level intervention to prevent HIV infection (trial) (Kelly et al 1500)

Homosexuality Natural order and (Wakley Prize essay) (Karlawish 1833)

Hong Kong Avian H5N1 influenza virus strain isolated from patient (Bonn 717 N); Avian H5N1 influenza virus strain transmitted from chickens (Bonn 717 N) (1754 N); Maternal mortality criteria and post-natal suicides (Yip et al 1103 C); Plague epidemic in 1894 and discovery of plague bacillus (Solomon 59)

Hoofnagle, J. Work on viral hepatitis (Larkin 938 N)

Hopelessness Atherosclerosis exacerbation (Fricker 645 N)

Hormone replacement therapy (HRT) Benefits of selective oestrogen receptor modulators (SERMs) (Compston 676 Com); Breast cancer risk and inaccurate release of drug-safety information (1041 E); Breast cancer risk and meta-analysis results (LaCroix and Burke 1042 Com) (Collaborative Group on Hormonal Factors in Breast Cancer 1047) (1484 correction) (Gray 1627 C) (Gruber et al 1628 C) (Holli et al 1704 C); Breast cancer risk and role of Imperial Cancer Research Fund in information release (Horton 1043 Com) (Cohen et al 1626 C) (Nurse 1626 C) (Horton 1627 C) (Whitehead and Godfree 1627 C) (McNamee 1646 Com); Effect on arterial stiffness (416 N); Effect of parathyroid hormone on vertebral bone mass and fractures in postmenopausal osteoporosis and (Lindsay et al 550); Postmenopausal weight gain and breast cancer association (Bonn 1371 N); Risk of non-fatal stroke not influenced by (Pedersen et al 1277); Tablets *vs* Progest cream trial results and continuous combined HRT *Vs* sequential therapy (Szarewski 37 N); Wound healing accelerated (McCarthy 1301 N)

Hospitals Art in (Behrman 584); Building programme in UK (Dean 123 N) (Pollock 125 N); Cardiac arrest in and magnesium administration effect (MAGIC trial) (Thel et al 1272); Clowning on children's wards (Oppenheim et al 1838); Lists of dangerous hospitals in France (Durand de Bousingen 1013 N); Patient-to-patient HIV transmission to leukaemia patient in Denmark (Skovmand 1758 N); Sources of bacterial contamination (carpets and hoses) (Maley 223 C); US subsidies for training fewer doctors (Firshein 723 N); Vancomycin-resistant MRSA strains (Tabaqchali 1644 Com) (Hiramatsu et al 1670); Waiting lists (UK), referral decision-making and reasons for difficulties in reducing lists (Hamblin et al 1493 Com) (Dean 1607 N); *See also* Nosocomial infections

Hostility As risk factor for cardiovascular disease (Huston 121 N)

House dust mite Structure of allergen (Wunsch 1453 N)

***hox* genes** Control of growth of digits and penises (Larkin 1373 N)

HPA-1a/b alloantigen system Coronary stent thrombosis risk with platelet glycoprotein IIIa (HPA-1b) polymorphism (Nurden 1189 Com) (Walter et al 1217)

Human beta defensin I (HBD1) Expression by normal human skin (Fulton et al 1750 R)

Human chorionic gonadotrophin (hCG) Effect on AIDS-related Kaposi's sarcoma (Morris 1755 N)

Human cloning *see* Cloning, human

Human herpesvirus type 6 (HHV-6) As possible trigger for multiple sclerosis (Moore 1685 N)

Human herpesvirus type 8 (HHV-8) HIV infection of CD4 cells blocked by chemokine encoded by (1080 N); Monoclonal gammopathy of undetermined significance (MGUS) association (Marcelin et al 1144 R); Multiple myeloma association not found (MacKenzie et al 1144 R) (Marcelin et al 1144 R); Transfusion-transmission risks (Lefrère et al 217 C); Variants in sarcoid tissues (Di Alberti et al 1655)

Human immunodeficiency virus infection *see* HIV infection

Human rights European Convention to be incorporated into UK law but shortcomings over psychiatric hospital discharge procedures (Rogers 1306 N); Health impact of violations in Haitian refugees (Fawzi et al 371 C); New guidelines from Vatican (Simini 874 N); Progress and update on Argentina (Kandela 1231 N); Promotion to be improved by World Medical Association (Durand de Bousingen 1530 N); School of the Americas accused of training abusers (Chelala 1530 N); South African Truth and Reconciliation Commission investigations of medical profession (Lee 39 N); UN Commission appointed (M. Robinson) (Birchard 347 N); *See also* Health and human rights

Human T-cell lymphotropic virus type I (HTLV-I) Polyarthritis due to (Hasunuma et al 145 C)

Humanitarian aid Diplomas awarded and need for regulatory body for organisations (Birchard 500 N); Suspension after coup d'etat in Cambodia (Ivker 274 N); Urgent appeals for Somalia (Kigotho 1757 N)

Humanitarian disasters Algeria (Kandela 345 N) (Kandela 1083 N); In Horn of Africa due to El Niño (Kigotho 1830 N); *See also* Disasters

Humanitarian response Asylum seekers in Ireland (Birchard 1832 N)

Humeral artery Obstruction in Whipple's disease (case report) (Hastier et al 1362)

Hungary Health-care system (Rogers 1760 N)

Hunger strikers Anaesthetists in Poland (Durand de Bousingen and Geber 1377 N); Urgent psychiatric assessments needed (Birchard 648 N)

Huntington's disease As conformational disease (Carrell and Lomas 136)

Hyaluronic acid Intra-articular in osteoarthritis of knee (Creamer and Hochberg 506 S) (Gordon et al 1327 C) (Creamer and Hochberg 1328 C)

Hydatidiform mole Leptin production by (Sagawa et al 1518 R)

Hyde amendment US budget bill (Rovner 573 N)

Hydrochlorofluorocarbons Hepatotoxicity (Hoet et al 556) (Rusch 1248 C) (Anders and Dekant 1249 C) (Hoet and Lison 1249 C)

Hydroxycarbamide HIV infection treatment and absence of viral rebound after (Vila et al 635 R)

Hydroxyurea Thalassaemia major treatment (Olivieri et al 491 R)

Hyperalgesia Visceral, in irritable bowel syndrome (Maxwell et al 1692 S)

Hyperarousal In syndrome E, transformation of nonviolent individuals into repetitive killers (Fried 1845)

Hyperbaric oxygen Concerns in Italy after fire (Simini 1375 N)

Hypercalcaemia Hypocalciuric, differential diagnosis of primary hyperparathyroidism (Fernández-Fernández 365 C)

Hypercholesterolaemia Standing Medical Advisory Committee guidelines for management with statins (Jones 1174 C) (Poulter et al 1852 C) (Wallis et al 1852 C) (Colhoun and Fuller 1853 (Vallance and Martin 1854 C); Type IIa, monocyte tissue-factor reduced by simvastatin (Ferro et al 1222 R)

Hyperglycaemia Cardiovascular disease risk factor in diabetes mellitus (Nathan et al sI4) (Feener and King sI10); Plasma adrenomedullin increase in diabetics (Hayashi et al 1449 R); Protease inhibitor association (Dubé et al 713 R)

Hypericin Light activation and prospect for new therapies (Morris 1826 N)

Hyperinsulinaemia Metabolic benefits of bromocriptine (Finkel 1150 N); QTc dispersion increase (Watanabe et al 1821 R)

Hyperoxia Placental, in intrauterine growth retardation (Ahmed and Kilby 825 Com)

Hyperparathyroidism Chronic pancreatitis aetiology (Mergener and Baillie 1380 S); Control by calcimimetic drugs (Moore 1605 N); Primary (Spathis 364 C) (Al Zahrani 365 C) (Fernández-Fernández 365 C)

Hyperprolactinaemia Amenorrhoea (Baird 276 S)

Hypersensitivity Cutaneous, protection by irradiation therapy (Cowie and Junor 566 R)

Hypersensitivity vasculitis Sequelae of systemic involvement but good prognosis of skin-limited disease (Swerlick and Lawley 306 Com) (Martinez-Toboada et al 1036 c)

Hypersomnolence Continuous positive airways pressure (CPAP) treatment (Fricker 122 N)

Hypertension α-Adducin polymorphisms (Iwai et al 369 C) (524 correction); In African-Americans and strict blood pressure control needed (MDRD Group Study) (Macready 787 N); Antihypertensive drugs effects on intellectual function (Bonn 1753 N); Blood pressure control at home in Japanese (Matsubayashi et al 290 C); In diabetics, effect of treatment on cardiovascular disease (Webster and Scott sI24); Essential, sodium sensitivity and cardiovascular events (Morimoto et al 1734); First-dose perindopril causing in congestive heart failure (Cleland 520 C) (Lees and Reid 520 C) (MacFadyen 520 C) (Bagger 521 C) (Tan and Wright 521 C); Home-based blood pressure measurements as early warning (Moore 1753 N); JNC VI recommendations and guidelines for treatment (Furberg and Psaty 1413 Com); In meningioma with behavioural symptoms (case report) (Rackoff 1444); Ocular, risk in elderly on oral glucocorticoids (Garbe et al 979); Pharmacological/surgical treatment and different criteria for (Ligtenberg and Girbes 294 C); In pregnancy and prevention by ketanserin with aspirin (trial) (Steyn and Odendaal 1267); Pulmonary *see* Pulmonary hypertension; Reduction by salt restriction in elderly (Elliott 825 Com) (Cappuccio et al 851) (Alderman 1702 C) (Brennan et al 1702 C) (Graudal et al 1702 C) (Cappuccio et al 1703 C); Renal artery injury causing and presentation (case report) (Kudva and Young 1140); Salt intake association, consensus or controversy? (Whalley 1686 N); Sleep-disordered breathing (apnoea and hypopnoea) association (Morris 495 N); Systemic, impaired synthesis of elastin in aorta/arteries during development as initiating event (Martyn and Greenwald 953); Systolic, placebo *vs* active treatment in older patients (Syst-Eur trial) (Staessen et al 757) (Nabel et al 1632 C) (Avanzini et al 1633 C) (Coope and Aylett 1633 C) (Staessen et al 1634 C) (1636 correction)

Hyperthyroidism Methimazole use in pregnancy and fetal malformations after (Johnsson et al 1520 R)

Hypertrophic cardiomyopathy (Maron 127 S) (1330 correction); Definition/genetics/morphology/physiology and treatment (Maron 127 S) (1330 correction)

Hypocalcaemia In postoperative hypoparathyroidism and treatment by parathyroid allotransplantation

without immunosuppression (Hasse et al 1296 R)
Hypogammaglobulinaemia Poliovirus vaccine-associated paralytic disease in infant presenting with encephalitis (case report) (Yeung et al 1594)
Hypoglycaemia Nocturnal in IDDM, prevention by bedtime alanine or terbutaline better than snacks (496 N); Unawareness and dead-in-bed syndrome in diabetics after insulin pen confusion (Hanas 492 R) (Hanas 1032 C) (Weston and Gill 1032 C)
Hypogonadism Hypergonadotropic and hypogonadotropic, amenorrhoea (Baird 276 S)
Hyponatraemia In hypothyroidism and role of arginine-vasopressin (Hanna and Scanlon 755 Com) (Croal et al 1402 C)
Hypoparathyroidism Postoperative and treatment by parathyroid allotransplantation without immunosuppression (Hasse et al 1296 R)
Hypopnoea Blood pressure increase associated (Morris 495 N)
Hypotension Postural and management by raising arms (Simini and Fritz-Simini 744 C)
Hypothermia Neonatal, after intrapartum amnioinfusion (Petrikovsky et al 1366 R) (Philip 1856 C)

Hypothesis

Impaired synthesis of elastin in aorta/arteries during development in initiation of systemic hypertension (Martyn and Greenwald 953)
Intervertebral disc degeneration caused by sudden increase in physical activity? (Adams and Dolan 734)
Syndrome E, transformation of nonviolent individuals into repetitive killers (Fried 1845)

Hypothyroidism Hyponatraemia in and role of arginine-vasopressin (Hanna and Scanlon 755 Com) (Croal et al 1402 C); Idiopathic, correction to case report (Karsten et al 670 correction)
Hypoxia Placental, in intrauterine growth retardation (Ahmed and Kilby 825 Com)
Hysterical paralysis Brain activity assessed by PET (Larkin 568 N)

I

Ibopamine In congestive heart failure and PRIME II trial results (Girbes and Zijlstra 147 C) (Massel 147 C) (Hampton et al 148 C)
ICAM-1 (CD54) Malaria resistance/susceptibility (Makgoba 678 Com); Marker of endothelial activation for prediction of heart transplantation failure (Husten 1079 N)
Ice skaters/dancers Migraine and cerebral blood flow changes during spinning (Schmidt 1145 R)
"Iceman" Adipocere identified by infrared (Sharp 191 N)
Idarucizumab Japanese Ministry warning to drug company (1376 N)
IDEC-C2B8 (Rituximab) Non-Hodgkin's lymphoma treatment (Ault 416 N)
Idiopathic thrombocytopenic purpura (ITP) (Rozman and Sierra sIII 9); Guidelines for treatment in children (Corrigan 602 Com) (Bolton-Maggs and Moon 620) (Davis and Raffles 1252 C) (O[ ]zsoylu 1252 C); Review correspondence (Hauser 368 C) (Proctor et al 368 C)
Ileorectal anastomosis In familial adenomatous polyposis (Evans et al 1777 C)
Imaging Laser doppler perfusion (LDI), development and applications (Jack 790 N); Near-infrared and infrared, development and applications (Jack 790 N); *See also specific techniques*
Imaging, issues (series) (Sharp 234 Com); Changing work patterns (Chapman 581); Evidence-based diagnostic radiology (Dixon 509); Filmless and distance radiology (Hynes et al 657); History of radiological sciences and current issues (Lentle and Aldrich 280); Interventional radiology (Thomson 354); Medical imaging in 21st century (Hillman 731); Role in developing countries (Mindel 426)
Imaging, issues (series), correspondence Ultrasound in developing countries (Mindel 426) (Mindel 427) (Hoyer and Weber 1330 C) (Simini 1330 C)
Immune system Immunoregulation and vaccine development (Nossal 1316); Marital strife effect in elderly (Larkin 417 N); Mucosal and M cell role (Featherstone 1230 N)
Immunisation Against typhoid needed in Kenya (1524 N); Global programmes and future vaccines (Katz 1768); *See also* Vaccine
Immunobiology Vaccine development and (Nossal 1316)
Immunocompromised patients CMV disease prevention by oral ganciclovir (trial) (Goodrich and Khardori 1718 Com) (Gane et al 1729)
Immunodeficiency Selective IgA deficiency and prophylactic therapy for (Gustafson et al 865 R)
Immunoglobulin Intravenous *see* Intravenous immunoglobulins
Immunoglobulin A (IgA) Deficiency and prophylactic therapy for (Gustafson et al 865 R); HIV-1-specific in HIV resistance (Bonn 1303 N); Secretion from Peyer's patches and role of M cells (Featherstone 1230 N)
Immunoglobulin E (IgE) Assay based on for early detection of HIV-1 in infants (Miguez-Burbano et al 782 R)
Immunoglobulin G (IgG) Prophylactic subcutaneous therapy with in selective IgA deficiency (Gustafson et al 865 R)
Immunological memory Vaccine development and (Nossal 1316)
Immunological tolerance UK symposium (Abdulla 190 N)
Immunology Danger hypothesis for immune response (Matzinger's theory) (Larkin 38 N); Review of developments in 1997 (Bach and Koutouzov sIII 11)
Immunoreactive trypsinogen (IRT) Intron 8 CFTR polythymidine sequence variant association (Chin et al 1368 R)
Immunosuppressive drugs Hyperinducibility of interferon-γ gene in SLE and interference of control by (Fishman 342 N); Not required for parathyroid allotransplantation with encapsulated parathyroid tissue (Hasse et al 1296 R); Tacrolimus-induced bone marrow suppression (de-la-Serna-Higuera et al 714 R)
Immunotherapy In HIV infection (conference report) (Morris 1009 N)
Impact factor Of journals and funding implications (Lowy 1035 C)
Imperial Cancer Research Fund Fundraising image and release of information on breast cancer risk with HRT (Horton 1043 Com) (Cohen et al 1626 C) (Nurse 1626 C) (Horton 1627 C) (Whitehead and Godfree 1627 C); Response to allegations over data release on breast cancer risk with HRT (Nurse 1626 C)
Imprinting Necdin gene, in Prader-Willi syndrome (Sutcliffe et al 1520 R)
In-vitro fertilisation Transfer of donor ooplasm to recipient eggs and successful birth of infant (Cohen et al 186 R) (Brenner et al 961 C) (St John and Barratt 961 C)
India Child labour and health effects (Parker 1395); Development goals not attained by states (Kumar 874 N); Diary of medical student (Srivastava 286 Es); Independence Day celebrations and legacy in terms of disease burden (Kumar 499 N); Medical pluralism illustrated by tattooing for mitral stenosis (Bhargava and Narang 298 C); Organ transplant bank (Kumar 500 N); Poliomyelitis eradication progress (Kumar 196 N); Population ageing and concerns over numbers (Kumar 271 N); Prostitutes' rights and National Convention of Sex Workers meeting (Kumar 1527 N); Tuberculosis control programme (Kumar 1689 N); Tuberculosis control and role of private doctors (Kumar and Kumar 1329 C); Turmeric patent case with US won (Kumar 724 N); World bank's structural adjustment policy criticised at meeting in (Kumar 1233 N)
Indian childhood cirrhosis Rigor mortis absence (298 correction)
Indinavir In CSF of HIV-1-infected patients (Ståhle et al 1823 R); Severe hepatitis after treatment of AIDS patient with haemophilia B (Matsuda et al 364 C)
Indonesia Campaign against communicable disease after Asian Development Bank loan (Easton and Wallerstein 125 N)
Infant feeding Bottlefeeding, stress and diabetes (NIDDM) association (Huang et al 889 C); Soy-based infant formulae causing exposure to phyto-oestrogens (Setchell et al 23) (Huggett et al 815 C)
Infants Acute lymphoblastic leukaemia with in utero origin from *MLL* gene mutation (Fricker 1755 N); Ambiguous genitalia after in utero exposure to tamoxifen (Tewari et al 183 R); Back as best position for sleeping (Bonn 190 N); Cystic fibrosis presenting with anaemia (Salvasan et al 295 C); Effect of iodination of irrigation water on mortality in iodine-deficient area of China (DeLong et al 771) (Ronsmans et al 1481 C) (DeLong and Leslie 1482 C) (Pharoah 1482 C); Exposure to phyto-oestrogens from soy-based infant formulae (Setchell et al 23) (Huggett et al 815 C); HIV infection and viral kinetics in (Krivine et al 493 R); HIV transmission to, prevention by combination therapy (Rowe 788 N); IgE-based assay for early detection of HIV-1 (Miguez-Burbano et al 782 R); Iron supplementation and malaria chemoprophylaxis in anaemia/malaria prevention in Tanzania (randomised trial) (Menendez et al 844) (Baird and Hoffman 1855 C) (D'Alessandro 1855 C) (Menendez and Alonso 1856 C); Kangaroo-mother care (KMC) (Doyle 1721 Com); Language learning fostered by "baby-speak" high-pitched speech from mothers (342 N); Medical end-of-life decisions in Netherlands (van der Heide et al 251) (Cole 816 C) (Howard 816 C) (Grassin et al 817 C) (White 817 C) (van der Heide et al 1711 C); Mortality and health inequalities in UK (Scott-Samuel 753 Com); Poliovirus vaccine-associated paralytic disease in infant with hypogammaglobulinaemia presenting with encephalitis (case report) (Yeung et al 1594); Pulmonary hypertension in and methaemoglobinaemia after inhalation of nitric oxide (Nakajima et al 1002 R); Randomised controlled trials and informed consent (Mason et al 1416 Com); Screening for vesicoureteric reflux (Verrier Jones 380 Com) (Scott et al 396) (Blumenthal 1030 C) (Matthews 1031 C) (Scott et al 1031 C); Small for gestational age infants at greater disadvantage than preterm infants (Lagercrantz 1044 Com); Underweight and association with subfertility (Moore 1080 N); Vesicoureteric reflux exclusion by ultrasonography vs cystourethrography (Postlethwaite and Wilson 1567 Com); *See also* Neonates
Infarction Infections/inflammation link associated by endothelial cell dysfunction (Blann and Lip 293 C) (Hunt and Jurd 293 C)
Infections/infectious disease Aroma analysis device to detect (1228 N); Burden/surveillance and influence on vaccine development and use (Levine and Levine 1386); Chronic, coronary heart disease link (Lip and Beevers 378 Com) (Danesh et al 430); Consequences of global warming and debate over predictions (McCurry 1825 N) (Morris 1825 N); Decline in children and increase in atopy (Silverman 380 Com) (Alm et al 400); El Niño warning and implications (McCarthy 344 N); From intravenous central catheters and antibiotic/antiseptic coatings to reduce risk (McCarthy 496 N); Inflammation/infarction linked by endothelial cell dysfunction (Blann and Lip 293 C) (Hunt and Jurd 293 C); Review of developments in 1997 (O'Connor and Hughes sIII 12); Role of Internet in epidemic control and ProMED-mail (Mitchell 1610 N); *See also* Communicable disease; *specific infections*
Infertility Genetic counselling before intracytoplasmic sperm injection (ICSI) (In't Veld et al 490 R)
Inflammation Infections/infarction link associated by endothelial cell dysfunction (Blann and Lip 293 C) (Hunt and Jurd 293 C); Inhibition by recombinant fragment of bactericidal/permeability-increasing protein (BPI) in meningococcal sepsis (trial) (Giroir et al 1439) (Duncan 1565 Com)
Inflammatory bowel disease Activity measurement by PET (Bicik et al 262 R); Measles and other possible infectious causes (meeting) (McConnell 1302 N); Measles vaccination, case-control study (Feeney et al 764) (Feeney et al 1774 C) (Montgomery et al 1774 C) (Van Damme et al 1774 C) (Iizuka and Masamune 1775 C); *See also* Crohn's disease
Inflammatory mediators In asthma (Holgate sII7)
Influenza Education needed to improve vaccination rates (Bonn 717 N); Nasal vaccine effective in children (Bonn 191 N)
Influenza virus Avian H5N1 strain isolated from Hong Kong patient and pandemic warning (Bonn 717 N); Avian H5N1 strain transmitted from chickens and cases (1754 N)
Information Drug-safety, communication over (McNamee 1646 Com); For patients on diagnoses in clinic letters leads to anxiety and need for better communication (Ellis and Matthews 1180 C); On risks of diseases for women and media role (1563 E)
Informed consent Abuse of regulations in US over drug trials with psychiatric patients (Greenberg 1083 N); FDA warning over abuse of waiver for research on emergency therapy (Ault 1084 N); Gulf War waiver and public comment sought by FDA (Ault 421 N); For infant and neonatal randomised controlled trials (Mason et al 1416 Com)
Infrared imaging Adipocere in "iceman" identified by (Sharp 191 N); Low-cost and applications (Jack 790 N)
Inhibin A As endocrine marker for pre-eclampsia (372 correction)
Injury Fall-induced in elderly (Kannus et al 1174 C); *See also* Trauma
Inner cities "Health action zones" in UK (Dean 123 N)
Institute of Cancer Research Chairman appointed (940 N)
Instruments Roman set found in Essex (Morris 191 N) (Jackson 1471)
Insulin Association with QTc dispersion (Watanabe et al 1821 R); Extended infusion regimen in diabetic ketoacidosis (Hopkins 787 N); IGF-1 therapy with to improve glycaemic control in IDDM (trial) (Møller and Ørskov 1188 Com) (Acerini et al 1199) (Mitchell 1606 N); Multiple injection therapy, concerns and deaths from confusion of insulin pens

(Hanas 492 R) (Hanas 1032 C) (Weston and Gill 1032 C); Pen injection confusion and dead-in-bed syndrome in diabetics (Hanas 492 R) (Hanas 1032 C) (Weston and Gill 1032 C); Pens/cartridges compatibility (Holleman et al 1601 R); Poor compliance with regimen causing poor glycaemic control and ketoacidosis in IDDM (DARTS study) (Morris et al 1505); Requirement in NIDDM predicted by autoantibodies to islet-cell cytoplasm and GAD (UKPDS 25) (Turner et al 1288); Sensitivity increased by chromium in NIDDM (Bradbury 1453 N); Sensitivity increased by troglitazone and metformin and comparison of effects (Hopkins 341 N); Vascular dysfunction in diabetics and (Feener and King sl11)

Insulin lispro Insulin pens and cartridges used with (Holleman et al 1601 R)

Insulin resistance QTc dispersion increase (Watanabe et al 1821 R); Reduced by pioglitazone in Werner syndrome (Imano et al 1365 R)

Insulin resistance index Troglitazone efficacy measurement (Nagasaka et al 184 R)

Insulin upstream-factor 1 (IUF1; PDX-1) Absence in nesidioblastosis and role in ß-cell growth (Hopkins 1523 N)

Insulin-like growth factor 1 (IGF-1) Physiology/functions in diabetes (Mitchell 1606 N); Recombinant (human) and insulin therapy with to improve glycaemic control in IDDM (trial) (Møller and Ørskov 1188 Com) (Acerini et al 1199) (Mitchell 1606 N); Trial (Genentech) halted and implications for diabetes and drug industry (Mitchell 1606 N)

Insulin-transcription factors Absence in nesidioblastosis and role in ß-cell growth (Hopkins 1523 N)

Integrated management of childhood illness (von Mühlendahl sIII 19) (Costello 1266 Com)

Integrated medicines Goals and progress by A. Weil (Horton 1374 N)

Intellectual function Deterioration associated with antihypertensive drugs (Bonn 1753 N)

Intelligence Congenital bilateral perisylvian syndrome (Birchard 121 N); Influence of environment of mother's womb (Larkin 342 N)

Intensive care For elderly, regional variations (US) (1228 N); Mortality among referred patients refused admission and need for research (McAllister and Howard Fee 2 Com) (Metcalfe et al 7) (Buist et al 883 C) (Fielden et al 883 C) (Coakley 884 C) (Metcalfe et al 884 C) (Meyer and Prien 884 C) (Noble 1398 C) (Metcalfe and McPherson 1399 C); Paediatric *see* Paediatric intensive-care; Provision in UK (Noble 1398 C) (Metcalfe and McPherson 1399 C); Reduced light and noise recommended for premature infants (Moore 1826 N); *See also* Critical care

Intensive Care National Audit and Research Centre (ICNARC) Intensive-care admission research (McAllister and Howard Fee 2 Com)

Intercellular adhesion molecule-1 *see* ICAM-1

Interferon-α Behçet's disease treatment (case report) (Grimbacher et al 1818); Extracorporeal photophoresis with in cutaneous T-cell lymphoma (Dippel et al 32 R) (Russell-Jones et al 886 C) (Dippel et al 1776 C); In hepatitis C management (meeting) (Bhattacharya 1452 N); Spontaneous neutralising antibodies in thymoma-associated autoimmune disease (Meager et al 1596 R)

Interferon-α-2b In Gorham's disease (Hagberg et al 1822 R); Hepatitis C management and NIH panel meeting (450 correction)

Interferon-β-1a In multiple sclerosis (Palace and Rothwell 261 R) (Wokke and van Gijn sIII 14)

Interferon-β-1b In multiple sclerosis (Palace and Rothwell 261 R)

Interferon-γ Hyperinducibility of gene in SLE and interference of control by immunosuppressive drugs (Fishman 342 N); In respiratory diseases (Smith-Jones et al 524 C)

Interleukin-2 (IL-2) Monoclonal antibody safe and effective (FDA recommendation) for graft rejection prevention (1376 N)

Interleukin-4 (IL-4) Mutant receptors in atopy (Wunsch 1827 N); Receptors in clinical trials (1827 N); *Tropheryma whippelii* propagation dependent on and pathogenesis of Whipple's disease (Fredricks and Relman 1262 Com)

Interleukin-11 (IL-11) Human recombinant, for prevention of thrombocytopenia associated with chemotherapy (Ault 416 N)

Interleukin-12 (IL-12) Spontaneous neutralising antibodies in thymoma-associated autoimmune disease (Meager et al 1596 R)

Intermittent claudication Treatment (Golledge 1460 S)

Internal (general) medicine Future directions in UK and USA (1641 E)

International Association of Physicians in AIDS Care Doctors to be volunteers for AIDS vaccine (937 N)

International Atomic Energy Agency (IAEA) Health applications of nuclear techniques (conference) (Glass 1086 N)

International Campaign to Ban Landmines Nobel Peace Prize awarded (1153 N)

International Collaboration on Ovarian Neoplasm Study (ICON 3) Call for premature halting trial (paclitaxel in ovarian cancer) by pharmaceutical company (Gore et al 370 C) (Perren 370 C) (Calvert et al 371 C) (Rustin and Crowther 371 C)

International Committee of Medical Journal Editors *see* Vancouver Group

International Congress on Biomedical Peer Review and Global Communications (Prague) Needs of readers and new issues (Horton 898 Com) (Atkins 1484 C)

International Health Congress "Bottom-up" approach to improve health of urban poor (Rowe 942 N)

International Monetary Fund US funding of programme dropped together with family-planning funding ban (Rovner 1608 N)

International Stroke Trial (IST) *see* IST trial

Internet Role in infectious-disease epidemic control and ProMED-mail (Mitchell 1610 N); Web pages and resources for physicians (Larkin 1454 N)

INTERSALT Study Sodium intake and blood pressure association (Elliott 825 Com)

Intervertebral disc Degeneration caused by sudden increase in physical activity? (Adams and Dolan 734); Nerve ingrowth and chronic low back pain due to (Freemont et al 178)

Interview series Sacks, O. (neurologist, neuroanthropologist, neurobiologist and naturalist) (Brawarsky 1092)

Intestinal amoebiasis Overdiagnosis in Turkey (Doganci et al 670 C) (Hohenschild 1034 C)

Intestine Additional smooth muscle layer and megacolon/megarectum (case report) (Hart et al 110); Transplant in triplets (Calne et al 1077 R); Transplantation and recurrence of Crohn's disease (298 correction); *See also* Small intestine

Intima-media thickness Assessment in cardiovascular disease in diabetics (Lehmann et al sl14)

Intraabdominal abscess Cause of fever of unknown origin (Arnow and Flaherty 578 S)

Intracerebral haemorrhage In temporal lobe vascular abnormality and presentation with sexual seizures (case report) (Reading and Will 1746); *See also* Cerebral haemorrhage

Intracranial pressure Non-invasive measurement (Salman 1367 r)

Intracytoplasmic sperm injection (ICSI) Genetic counselling before (In't Veld et al 490 R)

Intrauterine growth retardation (IUGR) Placental hypoxia or hyperoxia? (Ahmed and Kilby 825 Com)

Intravenous central catheters Antiseptic and antibiotic coatings cut risk of infections (McCarthy 496 N)

Intravenous immunoglobulins Efficacy of repeated courses in Guillain-Barré syndrome (Farcas et al 1747 R); In idiopathic thrombocytopenic purpura (Corrigan 602 Com) (Bolton-Maggs and Moon 620) (Davis and Raffles 1252 C) (O[¨]zsoylu 1252 C)

Intubation During cardiorespiratory arrest (Steeples 1402 C)

Iodination of water Effect on infant mortality in iodine-deficient areas of China (DeLong et al 771) (Ronsmans et al 1481 C) (DeLong and Leslie 1482 C) (Pharoah 1482 C)

Iodine Postoperative absorption from iodoform gauze and delirium associated (case report) (Yamasaki et al 1294); Radioactivecancers associated with US nuclear bomb test fallout (McCarthy 415 N); treatment of non-toxic diffuse goitre (Hegedüs and Bennedbaek 409 R)

Iodised rapeseed oil For eradication of endemic goitre (Ingenbleek et al 1542)

Iodoform gauze dressings For subclavian abscess and delirium associated (case report) (Yamasaki et al 1294)

Iraq Biological weapon threat (Ramsay 421 N); Child mortality (Zaidi 1105 C)

Ireland, Republic Abortion in UK after rape of adolescent (Birchard 1688 N) (Birchard 1759 N); Biomedical research funding increased by Wellcome Trust and Irish DoH (Birchard 792 N); Cannabis/tobacco/alcohol use by teenagers (Birchard 1457 N); Compulsory drug testing for athletes (Birchard 273 N); Compulsory HIV testing of doctors "impractical" (Birchard 1232 N); Court ruling over EU law on asylum seekers (Birchard 1832 N); Doctor charged over assaults (Birchard 1378 N); Doctors found negligent in HCV contamination case not to be prosecuted and anger over (Birchard 1308 N); Drug-price freeze (Birchard 574 N); Food Safety Authority executive appointed (940 N); Hepatitis C in drug addicts (Birchard 1457 N); Hospital chaplain paedophile jailed (Birchard 348 N); Legal action over syringe/needle-stick injury attacks (Birchard 1607 N); Medical litigations increase (Birchard 41 N); Negligence law revised and assault definition widened (Birchard 421 N); Notification plans for patients over dye prepared from plasma of nvCJD blood donor (Birchard 1830 N); Paracetamol restrictions (724 N); Physician-assisted suicide favoured (Birchard 723 N); Plan for mandatory reporting of suspected child abuse dropped (Birchard 1154 N); Recombinant factor-VIII therapy for haemophiliacs (Birchard 1529 N); Resignation of President for new position as UN High Commissioner on Human Rights (Birchard 347 N); Stress among medical students due to examinations and consultants (Birchard 1013 N); Vote of no confidence by doctors in Blood Transfusion Service (Birchard 873 N)

Irinotecan (CPT-11) Efficacy in progressive multifocal leucoencephalopathy (O'Reilly 291 C) (Vollmer-Haase et al 291 C)

Irinotecan hydrochloride Side-effects and questions over data in Japan (Akabayashi 124 N)

Iron Supplementation in prevention of anaemia in Tanzanian infants (randomised trial) (Menendez et al 844) (Baird and Hoffman 1855 C) (D'Alessandro 1855 C) (Menendez and Alonso 1856 C)

Irradiation Meat, FDA approval (Ault 1760 N)

Irritable bowel syndrome (Maxwell et al 1691 S); Definition/epidemiology/pathophysiology/psychopathology/diagnosis and treatment (Maxwell et al 1691 S)

Ischaemic heart disease Antioxidant therapy and ATBC study (Leo and Lieber 667 C) (Shahar 667 C) (Violi and Iullano 667 C) (Rapola et al 668 C) (1712 correction); Cold exposure and winter mortality in Europe (MacKenzie 590 C) (Bobak 591 C) (Keatinge and Donaldson 591 C) (Mather et al 591 C); Lower-limb arterial disease association (Golledge 1459 S); *See also* Cardiovascular disease; Coronary heart disease (CHD)

Islet transplantation Endotoxin activity of collagenase (Vargas et al 641 R)

Islet-cell cytoplasm Autoantibodies in prediction of insulin requirement in NIDDM (UKPDS 25) (Turner et al 1288)

Isoflavonoids Breast cancer risk reduction by high intake (Messina et al 971 Com) (Ingram et al 990)

Isoniazid Detection in urine for monitoring compliance with antituberculous therapy (Elizaga and Friedland 1225 R)

Isotopes Use in monitoring intake of vitamins and trace elements (conference) (Glass 1086 N)

Isradipine Increased glycosylated haemoglobin and risk of cardiovascular events after (Byington et al 1075 R)

Israel Claims of medical mistreatment of/by Palestinians (Fishman 1527 N); Court intervention on medical practice (renal failure case) (Fishman 874 N); Evidence of scandal of Yemenite children (Fishman 649 N); Psychologists' scepticism over proposed law on abuse (Fishman 572 N)

Israeli Medical Association Failure to confront torture and time for suspension from international medical fraternity (Summerfield 63) (Mahler 669 C) (Malnick 669 C) (Prosor 669 C) (Summerfield 669 C) (Blachar 1247 C) (Summerfield 1247 C); New status for doctors and display of credentials of immigrant physicians (Fishman 1758 N)

Issues in Imaging (series) *see* Imaging, Issues (series)

IST trial (International Stroke Trial) Interpretation (Barer 440 C) (Bradford et al 440 C) (Cohen 440 C) (Czlonkowska et al 441 C) (Ricci et al 441 C) (Lip and Beevers 442 C) (Strandberg and Tilvis 442 C) (Ellis 443 C) (Sandercock et al 443 C) (Tan 443 C) (Bousser 444 C) (Chen et al 444 C)

Italian Medical Association Specialist training system deplored (Simini 1829 N)

Italy Arrests after use of sperm from HCV-positive donor in fertility centre (Simini 1689 N); Health inequalities and effect of education on cardiovascular risk (Roncaglioni et al 1557 C); Hyperbaric oxygen concerns after fire (Simini 1375 N); Indigenous malaria case (Simini 717 N); Medical association to change symbol and Ministry to impose sanctions on doctors acting unethically (Simini 1085 N); Medical unemployment and measures to reduce (Simini 1528 N); Nationwide hepatitis B vaccination and reduction of morbidity from hepatitis E (Squarcione et al 114 R); Outrage over government proposal to reward doctors for prescribing less (Simini 1232 N); Surrogate "twins" case (Simini 1307 N)

Ivermectin In scabies and deaths associated (Coyne and Addiss 215 C) (Reintjes and Hoek 215 C) (Barkwell and Shields 216 C) (Bredal 216 C) (Currie et al 1551 C); In scabies and protocol for use (Currie et al 1551 C); Serious adverse reactions after mass treatment of onchocerciasis in region endemic for *Loa loa* (Burnham 2 Com) (Gardon et al 18); *Vs* combined therapy with albendazole in *Wuchereria bancrofti* microfilaraemia (Addiss et al 480) (1036 correction)

J

Jabs & Jibes Adapt and survive (Farrell 1640); Anyone for a LAUP (Eastwood 78); Anyone for a wee tad o' taghairm (Jack 1040); Are we doing enough? (Farrell 228); Brave new wards (Simini 154); Caution - eccentrics at work (Cooper 748); Caveat doctor! (Jack 600); Conceptual conundrums (Davies 454); Fermat's last stand (Sharp 674); Gut-lag; a silent indignity (Shuster 1488); Here's looking at you (Jack 1788); How about a filling? (Davies 376); Is quality of life bad for your health? (Kernick 1410); Loaded, but no place to go (Beddows 1260); May I leave a message? (Greenberg 528); Parting of the ways (Cooper 302); "Routine visit" to Usisya (King 968); Seasonal gifts with no strings (Kandela 1866); Swaying to the saucepan beat (Kandela 896); Sympathy, not confrontation (Cooper 1562); Thank you for this honour (Greenberg 1334); The visitor (Flavell 1186); Unable to switch off (Cooper 1112); Why bother with peer review? (Albert 822); Worried patients (Greenberg 1716)

Jack, D (1112 L)

Japan CJD with florid plaques after cadaveric dural grafts in (Takashima et al 865 R) (Ironside and Bell 1475 C); Cleanliness and increasing market for antibacterial goods (Watts 574 N); Commuting and overtime associated with cardiac autonomic activity in Tokyo (Kageyama et al 639 R); Forcible sterilisation of disabled persons (Watts 941 N); Gastric carcinoma diagnosis (Rugge et al 448 C) (Stolte 448 C) (524 correction); Health and Welfare Ministry warning to drug company over idamycin (anticancer drug) (1376 N); Irinotecan hydrochloride side-effects and questions over data (Akabayashi 124 N); Kyoto meeting (global climate change) *see* Climate Change Meeting (Kyoto); Long-term care insurance (Arai 1831 N); Minamata Bay declared mercury-free (Watts 422 N); Oral contraceptives approval closer (Watts 1377 N); Quality of life of elderly people living in community (Matsubayashi et al 1521 R); Subway gas attack (Tokyo) and inaccuracy (Woodall 296 C); Vancomycin-resistant MRSA strains (Tabaqchali 1644 Com) (Hiramatsu et al 1670)

Japanese Cardiovascular events in hypertension linked to sodium sensitivity (Morimoto et al 1734); Hypertensives and blood pressure control at home (Matsubayashi et al 290 C); Liver transplantation in familial amyloidotic polyneuropathy (Ando et al 593 C)

Jet-lag (Waterhouse et al 1611 S); Epidemiology/pathophysiology/prevention and treatment (Waterhouse et al 1611 S)

Jewish community French Medical Association apology (Durand de Bousingen 1153 N)

Job insecurity Effect of downsizing of companies on health of employees (Vahtera et al 1124)

Joint disorders Rubella vaccine not associated (Larkin 569 N)

Joint National Committee Report and guidelines on hypertension treatment (Furberg and Psaty 1413 Com)

Joseph Rowntree Foundation Aphasia incidence and study (1149 N); Changed views on "drug culture" in Europe (Birchard 1457 N)

Jugular venous pressure Raised in pericardial constriction (case report) (Lowe et al 1000) (Bernabei et al 1782 C) (Chambers and Rimington 1782 C)

Junk food Tax in Philippines and benefit for health (Wallerstein 1308 N)

Juvenile rheumatoid arthritis Cause of fever of unknown origin (Arnow and Flaherty 579 S)

K

Kangaroo-mother care (KMC) (Doyle 1721 Com)

Kant, I. Disease and cause of death (medical history) (Fellin and Blè 1771)

Kaposi's sarcoma AIDS-related, paclitaxel approval by FDA urged (125 N); AIDS-related and effect of human chorionic gonadotrophin (hCG) (Morris 1755 N); HIV-1 infection of CD4 cells blocked (1080 N); Liposomal encapsulated doxorubicin treatment (Gottlieb et al 1363 R)

Karlawish, J. Wakley Prize (1997) (Horton 1794 Com)

Karolinska Institute Research misconduct (Atterstam 643 N)

Karyotyping Spectral, delineation of synovial sarcoma of bone (Cohen et al 1679 R)

Kashin-Beck disease Fungal contamination of barley causing (Chasseur et al 1074 R)

Keloids Pathology and role of relaxin and halofuginone treatment prospects (Fishman 570 N)

Kendell, R (1186 L)

Kent (UK) Hospitals to re-read cervical smear tests (Bradbury 1227 N)

Kenya Asthma in slums (Kigotho 874 N); "Cheetan" therapy for HIV infection (trial) (Kigotho 1009 N); Children's education disrupted by bilharzia (Kigotho 573 N); Cholera epidemic as "national disaster" (Kigotho 1233 N); Cross-border strategies to combat cholera epidemics (Kigotho 1457 N); Hazardous pesticide usage (Kigotho 1528 N); Health reforms threatened by political unrest (Crowe 871 N); Influx of sub-standard drugs and government response (Kigotho 1690 N); Low-tech HIV-1 test (Serodia-HIV) (Kigotho 789 N); Maize flour contaminated by toxigenic fungi and mycotoxins (Kigotho 718 N); Malaria outbreak in highland districts and services stretched (Kigotho 422 N); Mass vaccination against typhoid needed (1524 N); National laboratory service established (Crowe 794 N); Nurses' strike as health care threat (Kigotho 1758 N); Population growth and problems associated (Loefler 523 N) (King 1255 C); Sex education plans abandoned by President (Kigotho 1152 N); Women denied reproductive rights (Crowe 722 N)

Keratitis Acanthamoeba, incidence in contact lens wearers (Morlet et al 414 R) (Lam et al 1481 C)

Ketanserin Aspirin with in prevention of pre-eclampsia (trial) (Steyn and Odendaal 1267)

Ketoacidosis, diabetic Extended insulin-infusion regimen recommended (Hopkins 787 N); In young IDDM patients associated with poor compliance with insulin therapy (Morris et al 1505)

Kidney transplantation *see* Renal transplantation

King, M (600 L)

Kirby, M (1488 L)

Kirsner, J B (1260 L)

Klausner, R. Director of NCI, work, theories and vision for NCI (Larkin 1756 N)

Klebsiella pneumoniae Carbapenem-resistant in Scotland (MacKenzie et al 783 R)

Knee Osteoarthritis, bicycling and physical therapy (Bhattarai 1328 C) (Creamer and Hochberg 1328 C); Osteoarthritis management (Creamer and Hochberg 503 S) (Creamer and Hochberg 506 S) (Gordon et al 1327 C) (Bhattarai 1328 C) (Creamer and Hochberg 1328 C)

Kombucha tea Toxic effects (Macready 1081 N)

Konzo Prevention by detection of cyanide in cassava (Kigotho 1081 N)

Kuru Neuropathology comparison with new variant CJD (Lantos et al 187 R)

Kussmaul's sign In pericardial constriction (case report) (Lowe et al 1000) (Bernabei et al 1782 C) (Chambers and Rimington 1782 C)

Kuwait Health system charges to dissuade foreign workers (Kandela 42 N); Road-death rate (Kandela 126 N)

Kxoe (bushmen) HIV-1 and AIDS awareness (Brenzinger and Harms 1180 C)

Kyoto meeting *see* Climate Change Meeting (Kyoto)

L

Laboratories National service established in Kenya (Crowe 794 N)

Labour Dysfunctional, pathogenesis (Schwartz 1792 Com); Preterm *see* Preterm labour; Third stage underwater and neonatal polycythaemia after (Austin et al 1445 R)

Labour Government Funding increase for NHS (Dean 1151 N); Mishandling of motor racing exemption from tobacco sponsorship ban (1411 E) (Dean 1607 N); NHS changes (Jewell 48); NHS "rescue" by budget increase, "health action zones" for inner cities and hospital building programme (Dean 123 N); Public trust wanes over health issues and tobacco ban exemption for motor racing (Dean 1607 N)

Labyrinthitis Bacterial meningitis suppurative, prevention (Kaplan 158 Com)

Lactase deficiency Necrotising enterocolitis in infants (Szylit et al 33 R)

Lactate dehydrogenase Malarial parasite and drug design (O'Brien 192 N)

Lamotrigine Aura loss in epilepsy with (Deleu and Hanssens 1751 R)

The Lancet Asthma conference investigator award (Sharp 1149 N); Diabetes and heart supplement (Zimmet et al sl1) (Hopkins 160 Com); Essays on ageing (Sharp 1118 Com); Issues in Imaging series (Sharp 234 Com); Ombudsman's first report and complaints made to in 1996/1997 (Sherwood 4 Com); Oncology supplement, new cancer strategies needed (Salomon and Ojasoo 891 C); Oncology supplement and omission of palliative medicine (Stone and Hardy 296 C); Oncology supplement and omission of surgery in cancer (Taylor 149 C); Protocol reviews of clinical trials and progress report (McNamee 6 Com); Quality-assurance procedures for drug advertisements (Vitry and Mansfield 1477 C) (Alliot 1636 C); Review of 1997 (supplement) sIII 1; Tropical medicine supplement, correspondence (Cook 813 C); Vaccine series (Horton 1192 Com) (1484 correction); *See also individual series*

Landmines Casualties in Bosnia-Herzegovina (Bower 1011 N); Detection, EU funding increase approved (Rogers 1233 N); International treaty to ban use (Atterstam 941 N); Nobel Peace Prize awarded for campaigners (1153 N); Time for ban (Burkhalter 63) (Malik and Basu 891 C)

Langerhans cells Sensitivity to radiotherapy and protection from cutaneous hypersensitivity (Cowie and Junor 566 R)

Language Bias in randomised controlled trials published in English and German (Egger et al 326); Learning by infants fostered by "baby-speak" high-pitched speech from mothers (342 N)

Laparoscopic salpingostomy Systemic methotrexate *vs* in tubal pregnancy (trial) (Hajenius et al 774) (Watermeyer and Penketh 1554 C) (Fernandez 1555 C) (Hajenius et al 1555 C) (Hart and Magos 1555 C) (Simone et al 1556 C)

Laser 308nm xenon chloride excimer, for psoriasis (Bónis et al 1522 R); Heart treatment *see* Transmyocardial Revascularisation (TMR) laser system

Laser doppler perfusion imaging (LDI) Development and applications (Jack 790 N)

Laser-induced thermotherapy Percutaneous MRI-guided, for hepatic metastases in colorectal cancer (Vogl et al 29 R)

Lassa fever Epidemic in Sierra Leone (Morris and Calisher 1458 N)

Latex proteins From surgical gloves and allergies (Poole 973 Com) (Davis et al 1783 C)

Latin America Cervical cancer incidence (Tremont-Lukats and Teixeira 449 C); School of the Americas accused of training human-rights abusers (Chelala 1530 N)

Latvia Cancer registry data (Stengrevics 523 N)

Law Court finding of "unlawful killing" after use of CS spray (UK) (Jones 1086 N); EU drug industry concern over proposed clinical-trial legislation (Rogers 1609 N); European Convention on Human Rights to be incorporated into UK law (Rogers 1306 N); Organophosphate-induced injury (Brahams 1457 N); Potentially lethal painkiller administration approved in motor neurone disease (UK) (Brahams 1376 N)

Law, Department Decisions on medical treatment for mentally incapable adults (UK) (Luttrell 950 N)

Lead In breast milk and dental caries in children due to (Larkin 789 N)

Left-ventricular assist devices (LVADs) Take-home devices using small power supplies (Husten 1684 N)

Left-ventricular dysfunction In diabetics (Webster and Scott sl27) (Shiotani et al 1254 C); Systolic, symptomatic and asymptomatic in urban population (McDonagh et al 829)

Left-ventricular hypertrophy In hypertension linked to sodium sensitivity (Morimoto et al 1734)

Left-ventricular volume reduction Conflicting results of effect on heart failure (Carpentier 456 Com) (Angelini et al 489 R) (Komamura and Miyatake 1327 C) (Chanda et al 1705 C) (Barsotti et al 1706 C) (Bestetti 1706 C) (Kaisers et al 1706 C)

Leg Function restoration by neuroprosthesis after spinal-cord injury (Donaldson et al 711 R); Ischaemia *see* Lower-limb arterial disease; Lower-limb ischaemia; Movement failure in hysterical paralysis and brain activity assessment (Larkin 568 N)

Legislation *see* Law

Legumes Diet high in and reduced risk of endometrial cancer (718 N)

Leishmaniasis Dermatomyositis mimicking (case report) (Galanakis et al 368 C)

Lemierre syndrome Sore throat, septicaemia, abscesses and respiratory failure in (case report) (Vohra et al 928)

Leprosy Elimination as WHO goal (1717 E); Treatment of Filipinos and closure of hospital questioned (Easton 347 N); WHO programme to eliminate (McGregor 347 N)

Leptin Production by hydatidiform mole and evidence for leptin-producing tumour (Sagawa et al 1518 R)

Leptomeningitis Chronic progressive and measles virus association (Luzi et al 338 R)

Letrozole (Femara) Aromatase inhibitor licensed for breast cancer (Bonn 194 N)

Leukaemia Acute lymphoblastic, deliberate conception and collection of cord blood (Warwick 297 C); Acute lymphoblastic in infant and in utero origin (Fricker 1755 N); Acute non-lymphocytic, benzene association (Bonn 267 N); Bone marrow transplantation outcomes in children (Hongeng et al 767); Patient-to-patient HIV transmission in hospital (Skovmand 1758 N)

Leukotriene C_4 synthase Promoter polymorphism and risk of aspirin-induced asthma (Sanak et al 1599 R)

Leukotriene receptor antagonist Zafirlukast associated with Churg-Strauss syndrome development (McCarthy 342 N)
Levodopa Dyskinesias induced by in Parkinson's disease and improvement by stimulation of subthalamic nuclei (Krack et al 1676 R)
Liarozole fumarate FDA rejection for use in advanced prostate cancer (125 N)
Liberia Health care deterioration (Kigotho 939 N)
Libraries Osler's threat of Ernulf's curse for book theft (Sharp 1192 Com) (Neelon 1245) (MacLean 1860 C)
Lifeline Antia, N H 154; Barzelatto, J 822; Crofton, J 228; David, R 376; De Gaetano, G 968; Erill, S 1562; Hoffenberg, B 896; Jack, D 1112; Kendell, R 1186; King, M 600; Kirby, M 1488; Kirsner, J B 1260; Lock, S 748; Porter, R 1410; Poynard, T 674; Qhreshi, B 454; Rue, R 78; Shelley, W 1788; Sherwood, T 1040; Short, R V 1334; Trimmer, E 528; Wakley, T 1866; Wallace, S 1640; Weber, J 302; Wilkie, T. 1716
Ligase chain reaction Sexually transmitted disease diagnosis (Dayan 1303 N)
Light In intensive care units for premature infants and recommendations for reduction (Moore 1826 N)
Lightheadedness Renal artery injury preceding and presentation (case report) (Kudva and Young 1140)
Lignans Breast cancer risk reduction by high intake (Messina et al 971 Com) (Ingram et al 990)
Limbic encephalitis Paraneoplastic (case report) (Okamura et al 488) (Duyff 1250 C) (Okamura et al 1250 C) (Schiffman et al 1251 C)
Limbic system Clozapine action and selectivity (Pilowsky et al 490 R) (Longhurst 1399 C)
Linoleic acid In multiple sclerosis treatment (Bradbury 1685 N)
LIPID study Statins of benefit to wide range of patients (Husten 1525 N)
Lipids Bromocriptine benefits in hyperinsulinaemia (Finkel 1150 N); Coronary risk factors in NIDDM (Syvänne and Taskinen sl20); Profile changes due to passive smoking in at-risk children (Moore 718 N); Profiles of war veterans and coronary risk implications (Gill and Bell 1247 C); *See also* Fat; Fatty acids
Lipoma In Dercum's disease and Spigelian hernia presenting as (case report) (Harris et al 334)
Lipomatosis Benign symmetric associated with protease inhibitors (Hengel et al 1596 R)
Lipoprotein Coronary risk factors in NIDDM (Syvänne and Taskinen sl20)
Lipoprotein lipase Gene polymorphism and time interval between NIDDM diagnosis and cardiovascular event (Hopkins 269 N); Mutations associated with heart attacks (937 N)
Lipoprotein(a) In NIDDM (Syvänne and Taskinen sl21); Stroke and myocardial infarction due to (case report) (372 correction); Troglitazone-induced increases (Matsumoto et al 1748 R)
Liposomal encapsulated doxorubicin Kaposi's sarcoma treatment (Gottlieb et al 1363 R)
Lisinopril Albumin excretion in diabetics reduced (Sawicki 662 C) (van Guldener and Donker 662 C) (Williams 662 C) (Chaturvedi et al 663 C) (Pintavorn and Rumsaeng 663 C) (Tripathi 1102 C)
Listeria monocytogenes Meningitis in adults, fatality rate, diagnosis and food-related causes (Calder 307 Com) (Jones et al 1034 C); Meningitis in adults and treatment (Jones et al 1034 C)
Literature and medicine (Horton sIII 13); García Márquez *Love in the Time of Cholera* (Jones 1169); Literature in education of the doctor (Calman 1622); Narratives of mental illness (Jones 359); W H R Rivers: portrait of a great physician in *Regeneration* trilogy (Nickerson and Shea 205)
Lithium In mania (Daly 292 C) (Longhurst 292 C); In spring water and psoriasis flare-up due to (Hanada et al 1522 R)
Litigation, medical Increase in Ireland (Birchard 41 N)
Liver Cyst, in Caroli's disease presenting with recurrent cholangitis (case report) (Sandle and Lodge 408); Irreversible damage by troglitazone (Ault 1451 N) (Mitchell 1685 N)
Liver cancer Primary *see* Hepatocellular carcinoma
Liver disease Autoimmune in HCV infection (Vento et al 1298 R); Hydrochlorofluorocarbons causing (Hoet et al 556) (Rusch 1248 C) (Anders and Dekant 1249 C) (Hoet and Lison 1249 C); Mortality in haemophilic males after HCV-contaminated blood products (Darby et al 1425)
Liver failure Fulminant, hepatitis E-associated in non-pregnant young women (Zijlstra et al 289 C)
Liver transplantation Early HCV prophylaxis to prevent post-transplantation hepatitis (McCarthy 1228 N); Efficacy and safety of oral ganciclovir in CMV disease prevention (trial) (Goodrich and Khardori 1718 Com) (Gane et al 1729); Eurotransplant allocation system (de Rave 1107 C); In hepatitis C (meeting) (Bhattacharya 1452 N); In Japanese patients with familial amyloidotic polyneuropathy (Ando et al 593 C); Peanut allergy transferred to recipient (937 N)
Living skin equivalent (LSE) Comparison and uses (Muhart et al 1142 R)
Loa loa Serious reactions to mass treatment with ivermectin for onchocerciasis in regions endemic for (Burnham 2 Com) (Gardon et al 18)
Lock, S (748 L)
Logistic regression analysis Breast cancer and *BRCA1* mutation (Vaidya and Baum 1784 C)
London John Snow public house (Raju 1863)
London (dispatches) Academic research/service balance problems in UK and recommendations (Sharp 193 N) (Boyd 595 C); Benefits for one-parent families withdrawn and reduced for disabled (Dean 1607 N); Drug abuse commission clampdown on herbal drugs and alcopops (Dean 721 N); Drug rationing and "postcode prescribing" (Dean 1305 N); Funding increase for NHS in change to Labour's plan and new spending review (Dean 1151 N); GP fundholding uncertainty in UK (Dean 271 N); Guidance on future shape of NHS and "repackaging" of internal market (Dean 939 N); Inequalities tackled by Labour Government (Dean 571 N); Internal market for NHS and GP fundholding to end (Dean 1829 N); Medical student to share sheltered housing with elderly (Dawson 791 N); NHS costs and drugs bill provoke rationing debate (Dean 1305 N); Public trust in Labour government wanes over health issues and tobacco ban exemption for motor racing (Dean 1607 N)
Long-term care Insurance, in Japan (Arai 1831 N)
Longevity As bonus or onus (ageing essay) (Bonita 1167)
Losartan Atypical cutaneous lymphoid hyperplasia association (Viraben et al 1366 R)
Lothian Surgical Audit (Aitken et al 800)
Low back pain Nerve ingrowth into diseased intervertebral discs causing (Freemont et al 178)
Low birthweight Impaired synthesis of elastin in aorta/arteries during development as initiating event for systemic hypertension (Martyn and Greenwald 953)
Low-density lipoprotein (LDL) In NIDDM (Syvänne and Taskinen sl21)
Low-density lipoprotein (LDL) cholesterol Reduced by sitostanol ester in margarine (Husten 1827 N)
Lower-limb arterial disease (Golledge 1459 S); Epidemiology/investigation and treatment (Golledge 1459 S)
Lower-limb ischaemia Critical, treatment (Golledge 1462 S); Vascular gene therapy (McCarthy 1451 N)
Lowson, J A Role in discovery of plague bacillus (Solomon 59)
Lumbar discs Degeneration associated with sudden increase in physical activity (Adams and Dolan 734)
Lung Acute injury and ventilation in prone position (Sandham sIII 3) (Gattinoni et al 815 C) (Lavender and Peters 1177 C); Function improved by fresh fruit in diet (Bonn 120 N); Non-cardiogenic injury in benign tertian malaria (Torres et al 31 r)
Lung cancer *FHIT* tumour suppressor gene (conference) (Bradbury 869 N); Gastrin-releasing peptide receptor expression as marker of long-term smoking (Bradbury 568 N); New treatments reports at World Congress (Birchard 568 N); T1-stage non-small-cell and FDA approval for phototherapy (1086 N); *See also* Non-small-cell lung cancer; Small-cell lung cancer
Lung diseases Acute, regional ventilation in prone position (Lavender and Peters 1177 C); *See also* Acute respiratory distress syndrome (ARDS)
Lung transplantation Exhaled nitric oxide during (Marczin et al 1681 R)
Lycopene In tomatoes and protection against myocardial infarction (Larkin 1229 N)
Lyme disease Coronary heart disease association (Oksi et al 1447 R); Differential diagnosis from *Rickettsia slovaca* infection (Raoult et al 112 R) (Guiserix 596 C); Prevention by antibiotic prophylaxis after tick bites (Dennis and Meltzer 1191 Com); Prevention and use of tick toxicants (Stanislow 294 C)
Lymph node Sentinel *see* Sentinel lymph-node
Lymphadenopathy Tick-borne and possible association with *Rickettsia slovaca* (Lakos 1006 R)
Lymphatic filariasis Albendazole and ivermectin alone *vs* combined therapy (Addiss et al 480) (1036 correction)
Lymphoid hyperplasia Cutaneous, losartan causing (Viraben et al 1366 R)
Lymphoma AIDS-related (non-Hodgkin's), mitoguazone dihydrochloride use rejected by FDA panel (125 N); Cause of fever of unknown origin (Arnow and Flaherty 579 S); MALT, regression after eradication of *H pylori* (Matsumoto et al 115 R) (Wright 960 C) (Matsumoto et al 961 C); *See also* Cutaneous T-cell lymphoma; Non-Hodgkin's lymphoma

M

M cells Gateway and role in mucosal immune system (Featherstone 1230 N)
M-HART trial Psychosocial rehabilitation after myocardial infarction (Frasure-Smith and Lespérance 1401 C)
Macrolide antibiotics Churg-Strauss syndrome induced by in atopic patient (Hübner et al 563 R) (Morice et al 1105 C) (Kränke and Aberer 1551 C) (Hübner et al 1552 C); Finnish campaign to limit use and erythromycin resistance reduced by (McCarthy 569 N)
Macrophage *Escherichia coli* evasion from antibiotics whilst resident in bladder macrophage (1080 N); In resistance to HIV infection (Bonn 1303 N); *Tropheryma whippelii* propagation and pathogenesis of Whipple's disease (Fredricks and Relman 1262 Com)
Macrophage-derived chemokine (MDC) HIV infection suppression (1302 N)
Madagascar Multidrug resistant plague (*Yersinia pestis*) (Bonn 788 N)
Maggie Keswick Jencks Cancer Centre RIBA award (1638)
MAGIC trial Magnesium administration in in-hospital cardiac arrest (Thel et al 1272)
Magnesium Intravenous in in-hospital cardiac arrest (MAGIC trial) (Thel et al 1272)
Magnesium sulphate Use in obstetrics and increased neonatal mortality (Bennett and Edwards 1491 Com) (Mittendorf et al 1517 R)
MAGnet trial Magnesium sulphate use in preterm labour and increased neonatal mortality (Bennett and Edwards 1491 Com) (Mittendorf et al 1517 R)
Magnetic resonance imaging (MRI) Brain of premature infants (Evans et al 522 C); Breast tumour differential diagnosis (Bradbury 35 N); Diffusion-weighted, diffusion changes in status epilepticus (Wieschmann et al 493 R); Imaging of deep vein thrombosis (Moody 1073 R); Multiple sclerosis misdiagnosis (Young 522 C) (James 1178 C); Wallenberg's syndrome in child after hyperextension of neck (case report) (Toelle et al 1516)
Magnetic resonance neurography (MRN) Peripheral nerve degeneration and regeneration (Dailey et al 1221 R)
Magnetic resonance pelvimetry In breech presentation at term (trial) (Walkinshaw 1791 Com) (van Loon 1799)
Maize Genetically-engineered, Austrian ban (Glass 1457 N)
Maize flour Contamination by toxigenic fungi and mycotoxins in Kenya (Kigotho 718 N)
Malabsorption In chronic pancreatitis (Mergener and Baillie 1383 S)
Malaria Benign tertian, acute non-cardiogenic lung injury (Torres et al 31 r); Centenary of parasite discovery and outstanding problems (Kumar 644 N); Chemoprophylaxis, malaria prevention in Tanzanian infants (randomised trial) (Menendez et al 844) (Baird and Hoffman 1855 C) (D'Alessandro 1855 C) (Menendez and Alonso 1856 C); Indigenous in Italy (Simini 717 N); Mechanism of antimalarial resistance and rational drug design (O'Brien 192 N); Mefloquine chemoprophylaxis guidance (Ramsay 941 N); Outbreak amongst refugees in Tanzania (Crowe 41 N) (Carlstedt 1180 C); Outbreak in highland districts of Kenya and medical services stretched (Kigotho 422 N); Parasite resistance to drugs and Malarone-donation programme concerns (Bloland et al 1624) (Foege 1628 C); *Plasmodium falciparum* genome project (496 N); Resistance/susceptibility and molecular basis for (Makgoba 678 Com); Severe, in children and transmission intensity problems (Lines 813 C); Severity and level of *P falciparum* transmission (D'Alessandro 362 C) (Moorthy and Wilkinson 362 C) (Fleming 363 C) (Soni and Sharp 363 C); Spread, global warming consequence (McCurry 1825 N); Vaccine development (review) (Kwiatkowski and Marsh 1696); Vaccine field trials (Kwiatkowski and Marsh 1699); *See also* *Plasmodium falciparum* malaria
Malarone Glaxo Wellcome donation programme for Africa and concerns over (Bloland et al 1624) (Foege 1628 C)
Malawi Prevalence of tuberculosis in prison populations (Nyangulu et al 1284)
Males Medical students and prejudice against (Acheson 964 C) (Alexander and Dugdale 1711 C) (Matsubayashi 1711 C)
Malignancy Second after childhood cancer, radiation and genetic risk factors (Kony et al 91) (Bhatia et al 888 C); *See also* Cancer; Tumour

Malnutrition In Gaza and UN warning (McGregor 650 N); In Philippines and benefits of tax on junk food (Wallerstein 1308 N)
MALT lymphoma Regression after eradication of *H pylori* (Matsumoto et al 115 R) (Wright 960 C) (Matsumoto et al 961 C)
Mammography In 39-49 age group linked to reduced breast cancer mortality (Gothenburg trial) (Wunsch 1754 N); Canadian National Breast Screening Study (Kopans 810 C); Efficacy affected by timing in premenopausal women (Bradbury 569 N); National screening programme to start in Denmark (Skovman 196 N)
Managed care Academic health centres under strain due to (Greenberg 193 N); Survey of Americans' views and Congress effects to impose regulations (Rovner 1456 N)
Mania Treatment and sodium valproate use (Daly 292 C) (Longhurst 292 C)
Manitoba Health Reform Impact Study Gender differences in management after heart attack (Bonn 343 N)
Margarine LDL cholesterol reduced by sitostanol ester in (Husten 1827 N)
Marijuana *see* Cannabis
Marital strife Adverse health effects and effects on immune system (Larkin 417 N)
Market News Service (MNS) Service for essential drugs programme and need for improvements (601 E) (Arya 1106 C) (Lauridsen 1106 C) (Quick and Bremer 1106 C) (Dunne 1712 C)
Márquez, G *Love in the Time of Cholera* (Jones 1169)
Marzouki, M. Update on harassment by Tunisian government (Reiner 586)
Mast cells Asthma pathogenesis (Holgate sII7)
Mastectomy Radiotherapy beneficial after (Yarnold 1415 Com); Survival improved by local radiotherapy after (McNamee 867 N)
Mastocytosis Systemic, skeletal lesions and osteoporosis (Grieser and Minne 1103 C)
MATCH Alcohol treatment project (Hall sIII 1)
Mathematical modelling Breast cancer therapy (Bonn 1304 N)
Matrix metalloproteinase 1 (MMP-1) Induction by UVA-1 phototherapy in morphea fibroblasts (Gruss et al 1295 R)
Matzinger, P Danger theory for immunology (Larkin 38 N)
MBA For physicians and reasons for increase (Kuo 828 Com)
MCI-154 calcium sensitiser drug No benefits shown in CASCO trial (Husten 719 N)
Measles Case-control study of vaccination and inflammatory bowel disease (Feeney et al 764) (Feeney et al 1774 C) (Montgomery et al 1774 C) (Van Damme et al 1774 C) (Iizuka and Masamune 1775 C); Elimination from Finland (Peitola et al 1364 R); Inflammatory bowel disease association debate (McConnell 1302 N); Outbreak in Brazil (Csiliag 572 N); Vaccine and simultaneous vitamin A supplementation, vindication of policy (Ross and Cutts 81 Com) (Benn et al 101) (Semba 1031 C)
Measles, mumps and rubella (MMR) vaccine Measles elimination from Finland (Peitola et al 1364 R)
Measles virus Chronic progressive leptomeningitis association (Luzi et al 338 R)
Meat Irradiation, FDA approval (Ault 1760 N); Recall after *Escherichia coli* O157 contamination in US (Ault and Morris 567 N); Red and cancer link in COMA report (Dawson 1007 N)
Meconium Thick, intrapartum amnioinfusion and neonatal shivering/hypothermia after (Petrikovsky et al 1366 R) (Philip 1856 C)
Media Breast cancer and cardiovascular mortality in women and need for additional risk communication (1563 E); Breast cancer risk with HRT, report publication and professional concerns over (Horton 1043 Com) (Cohen et al 1626 C) (Nurse 1626 C) (Horton 1627 C) (Whitehead and Godfree 1627 C) (McNamee 1646 Com); Drug safety scares and breast cancer risk with HRT (1041 E)

Media Reviews

21st Century Miracle Medicine: RoboSurgery, Wonder Cures, and the Quest for Immortality (Wyke/Holohan 151)
A Damn Bad Business: The NHS deformed (Lee-Potter/Tudor Hart 299)
A Guide to Developing Education Programs for Medical Students and Residents (Deutsch/Lewkonia 1487)
A Handbook of Intrauterine Insemination (Meniru et al/Wagner 1559); Exhibition on books on Thomas Willis (1559)
A Measure of My Days (Loxterkamp/Bellizzi 226)
A Stand Against Tyranny: Norway's Physicians and the Nazis (Cohen/Seidelman 1560)
Acute Liver Failure (Lee and Williams/Conjeevaram 965)
AIDS and Respiratory Medicine (Zumla et al/Benetar 893)
Alfred C Kinsey: A Public/Private Life (Jones/Sharp 1862)
Allergic Diseases: Diagnosis and Management (brief review) (Patterson 895)
Allergy- second edition (Kaplan/Silk 1037)
Bedlam: Custody, Care and Cure 1247-1997 (exhibition) (Murphy 1258)
Breast Cancer: A Psychological Treatment Manual (Haber/Thornton 1332)
But What if She Wants to Die? (Delury/Hendin 1408)
Cerebrovascular Disease (Batjer et al/Donnan 77)
Children in Distress: A Guide for Screening Children's Art (Peterson 1715)
Coma: NOVA series (television) (Garmon/Flitter 1039)
Combination Drug Therapy for Hypertension (Opie and Messerli/Simon 1259)
Contraception and Abortion in 19th-Century America (Brodie/Chavkin 598)
Creation of Dr Bettelheim: A Biography of Bruno Bettelheim (Pollak/Leeman 819)
Cry Bloody Murder: A Tale of Tainted Blood (DePrince/Zuger 1486)
Culture and Weight Consciousness (Nasser/Ben-Tovim 225)
Diabetes in Africa (brief review) (Gill et al 1561)
Diagnosis of Diseases of the Breast (Basset et al/Vaidya 525)
Diseases of the Liver and Biliary System (Sherlock and Dooley/Rodés 1786)
Do We Still Need Doctors? (Lantos/McManus 1257) (Fisken 1860 C)
Drug Addiction and its Treatment; Nexus of Neuroscience and Behavior (Johnson and Roache/Brust 453)
East European Jewish Immigrants and the New York Epidemics of 1892 (Markel/Miller 745)
Endocrinology: Basic and Clinical Principles (Conn and Mehmed/levy 373)
Enemies of Hope: A Critique of Contemporary Pessimism (Tallis/Downie 1185)
Guns, Germs and Steel; The Fates of Human Societies (Diamond/Burr 75)
Handbook of Anal Endoscopy (brief review) (Bartram and Frudinger 375)
Hazards of the Job: From Industrial Disease to Environmental Health Science (Sellers/Torén 226)
Health Care Law (Montgomery/Feenan 374)
Heat Shock Proteins and the Cardiovascular System (brief review) (Knowlton 375)
Hepatobiliary and Pancreatic Surgery - Companion to Specialist Surgical Practice (brief review) (Garden 673)
Honey, Mud, Maggots and other Medical Marvels (Root-Bernstein and Root-Bernstein/Bregman 1111)
How Ike Beat Heart Disease and Held on to the Presidency (Lasby/Gropper 746)
Hypertension in Pregnancy (Walker and Gant/Mathews 1109)
Immunologic Renal Diseases (Neilson/Gluck 152)
Impact of AIDS: Psychological and Social Aspects of HIV Infection (brief review) (Catalán et al 895)
Introduction to Organ Transplantation (brief review) (Hakim 673)
IRB Navigator: FDA/HHS Compliance Software (project management database programme) (West Beach Software/Melman 1639)
Life, Death and Decisions; Doctors and Nurses Reflect on Neonatal Practice (McCaffey and Fowler/Greenough 967)
Medical Futility: and the Evaluation of Life-sustaining Interventions (Zucker and Zucker/Agarwal 820)
Medical Terms: Their Roots and Origins (Tindall/Jack 1863)
Medicine and Modernity: Public Health and Medical Care in Nineteenth and Twentieth Century Germany (Berg and Cocks/Hopwood 1331)
Molecular Biology in Medicine (Cox and Sinclair/Sharp 300)
Mortally Wounded: Stories of Soul Pain, Death and Healing (Kearney/DuBeau 894)
New Ischemic syndromes (Yellon et al/Simon 1110)
Organizing Scientific Meetings (Epple/Clark 747)
Patient: The True Story of a Rare Illness (Watt/Edworthy 1715)
Postpartum Depression and Child Development (Murray and Cooper/Leeman 526)
Reconstructive Surgery in Hand Mutilation (Foucher/Knight 966)
For the Record - Protecting Electronic Health Information (brief review) (Computer Science and Telecommunications Board 673)
Rosen's Breast Pathology (Rosen/Vaidya 525)
In the Shadow of the Reich: Nazi Medicine (Michalczyk/Gostin 1785)
Spoiled: The Dangerous Truth About a Food Chain Gone Haywire (Fox/Burr 1786)
Statistical Issues in Drug Development (Senn/Brown 1184)
Support and Seduction: A History of Corsets and Bras (Fontanel/Cooper 1861)
Tales of Un-knowing: Therapeutic Encounters from an Existential Perspective (Spinelli/Smith 1409)
Teaching Medicine in the Community: A Guide for Undergraduate Education (Whitehouse et al/Lewkonia 1487)
The Endothelium in Clinical Practice; Novel therapies (Rubanyi et al/Rosendorff 671)
The Gift Relationship: From Human Blood to Social Policy (Titmuss/Emanuel 1713)
The Implantable Defibrillator: From Concept to Clinical Reality (Jordaens/Gallagher 1407)
The Mad, the Bad, and the Innocent: The Criminal Mind on Trial - Tales of a Forensic Psychologist (Kirwin/Gosselin 1638)
The Mouth: Diagnosis and Treatment (Eisen and Lynth/Frankel 1333)
The People's Doctor: George Hatem and China's Revolution (Porter/Beach 451)
The Progress of Experiment: Science and Therapeutic Reform in the United States (Marks/Taylor 1183)
The Quick and the Dead: Artists and Anatomy (exhibition) (Murphy 1485)
Themes and Variations: Sleep (art exhibition) (Murphy 374)
Thrombopoiesis and Thrombopoietins: Molecular, Cellular, Preclinical and Clinical Biology (Kuter et al/Alexander 597)
Tropical Surgery (brief review) (Cohen 1787)
Vaccines, Vaccination and the Immune Response (Ada and Ramsay/zur Hausen 153)
Viral pathogenesis (brief review) (Nathanson 673
Viral Sex: The Nature of AIDS (Goudsmit/Schechter 1637)
Voices of Madness (Ingram/Cooper 76)
Winning the Publications Game (Albert/Hopkins 672)
Women and Childbirth in the Twentieth Century: A history of the National Birthday Trust Fund 1928-93 (Williams/Marks 301)
Yikes! Your Body Up Close! (Janulewicz/Robinson 1865)

Median nerve stimulation Sensory motor cortex localisation during surgery by changes of cortical temperature after (Ueda et al 561 R)
Mediastinal adenopathy Tuberculous, as cause of fever of unknown origin (Sood et al 1782 C)
Medicaid Antiretroviral drugs for low-income HIV-positive patients, difficulties (Rovner 1759 N); Appointment of head of programme (US) (Greenberg 1687 N); Changes and repeal of Boren Amendment in new budget bill (Rovner 502 N)
Medical audit *see* Audit
Medical devices FDA bill progress (Rovner 1013 N); FDA bill signed (Rovner 1689 N); FDA cross-border pilot study (Fishman 274 N); Setback for CellPro over stem-cell separator patent (Ault 501 N); Stem cell separator patent case results (Ault 346 N)
Medical Devices Agency (UK) Guidelines on use of latex gloves (Poole 973 Com)
Medical editors *see* Medical publications
Medical Editors Trial Amnesty For previously-unreported trials (Horton 756 Com) (Tiner 1329 C)
Medical education Costs to UK students (Mitchell 348 N); Literature and humanities use/role in (Calman 1622); UK (Green and Tomlinson 50); *See also* Education; Medical students; Medical training
Medical history Computed tomography (Simini 1330 C); Roman/post-Roman instrument kit (Morris 191 N) (Jackson 1471)
Medical History, Department Acetylsalicylic acid (aspirin) history (Jack 437); Ancient British medical kit from Stanway (Essex) (Jackson 1471); Centennial notions of asthma as eosinophilic, desquamative, exudative and steroid-sensitive disease (Persson 1021); I. Kant's disease and cause of death (Fellin and Blè 1771); Lowson, J.A.'s role in discovery of plague bacillus (Solomon 59)
Medical kit Ancient, from Essex (UK) (Morris 191 N) (Jackson 1471)
Medical litigation Increase in Ireland (Birchard 41 N)
Medical negligence Law improved and tightened in Ireland (Birchard 421 N)
Medical privacy *see* Confidentiality
Medical publications Author's responsibility for research and need for authors' contributions to be published and guarantors (Horton 5 Com) (Goodman 523 C) (Rennie 1035 C); Authorship of complex investigations and toxoplasmosis outbreak case (Johnstone 1255 C) (Bowie 1256 C); Blinding of researchers to identity of original authors in meta-analyses (Berlin et al 185 R) (West 892 C); Coauthors' contributions, calculation and coauthor

incentive system (CIS) (Merz et al 1558 C); Disclosure of conflicts of interest (Cho 72 C); Editorial comments, frequency and length (Boba 1635 C); Impact factor and funding limitations (Lowy 1035 C); International Congress on Biomedical Peer Review and Global Communications and new issues (Horton 898 Com) (Atkins 1484 C); Investigator/editor relationship and contract (Horton 5 Com) (Goodman 523 C) (Rennie 1035 C); Misinterpretation of cost-effectiveness data and double-counting problem (Asch and Hershey 1393); Quality-assurance procedures for drug advertisements (Vitry and Mansfield 1477 C) (Alliot 1636 C); Registration of unreported trials and Medical Editors Trial Amnesty (Horton 756 Com) (Tiner 1329 C); Role of medical editors (Horton 898 Com) (Atkins 1484 C); Threatened lawsuits against editors over scientific misconduct problems and establishment of COPE (Horton 234 Com); *See also The Lancet*

Medical qualification EU countries' mutual recognition (272 N)

Medical records Legislative limits needed for Canadian Health Information Network to protect confidentiality (Kondro 1085 N); Privacy, proposed US legislation excludes law enforcement authorities (823 E); US Congress deadline over medical privacy bill (Mitchell 1378 N)

Medical research Abuse of informed consent regulations in US over drug trials with psychiatric patients (Greenberg 1083 N); Asthma and need for (1113 E); Cancer grant applications sought by Middle East Cancer Consortium (MECC) (Fishman 501 N); Code of ethics sought in Canada (Kondro 794 N); Difficulties in UK over research/service balance (Sharp 193 N) (Boyd 595 C); EU funding increase approved (Rogers 1233 N); Funding programme delayed in Canada (Kondro 792 N); Generalisability *vs* methodology issues (Horton 898 Com) (Atkins 1484 C); Higher (Remuzzi and Schieppati 308 Com); Impact factor of journals and funding implications (Lowy 1035 C); Interview with director of Cruciform Project (Fox 56); Misconduct *see* Scientific misconduct; MRC funding in UK (Radda 54); New funding proposals in "Dearing" report for UK National Committee of Inquiry into Higher Education (Remuzzi and Schieppati 308 Com) (Mitchell 348 N); Review of cuts in drugs and food research programmes in Canada (Kondro 347 N); Shunned by US physicians (Greenberg 193 N); *See also* Biomedical research; Clinical research

Medical Research Council (MRC - UK) Funding, partnerships and commitments (Radda 54)

Medical "smart card" Australian trial (Harrigan 420 N)

Medical spelling Errors (de Glanville 1860 C)

Medical students Debt concern for UK students after new funding proposals (Mitchell 348 N); Diary of student in India (Srivastava 286 Es); Male, prejudice against (Acheson 964 C) (Alexander and Dugdale 1711 C) (Matsubayashi 1711 C); Participation in housing scheme with elderly in London (Dawson 791 N); Stress in Ireland due to examinations and consultants (Birchard 1013 N)

Medical training Reforms in UK ("Calmanisation") and working hours under "New Deal" and implications (Barber 974 Com) (Alberti and London 1850 C) (Allison et al 1850 C) (Goodman 1850 C) (Alexander 1851 C) (Elkeles 1851 C) (Hobbs 1851 C) (Calman 1852 C) (Daggett 1852 C); *See also* Medical education

Medicare Appointment of head of programme (US) (Greenberg 1687 N); Changes in US budget Bill (Rovner 40 N); Moratorium on home-care firms in US (873 N); New director confirmed by US Senate (Rovner 1529 N); Overpayments uncovered by audit (US) (Firshein 273 N); Provision allowing doctors private contract with patients to be revised (US) (Rovner 1378 N); Reshaped by and funding under new budget bill (US) (Rovner 421 N); Subsidies to US hospitals for training fewer doctors (Firshein 723 N); Tougher action over fraud in US (Mitchell 722 N)

Medicinal plants Melatonin in, value and need for biochemical characterisation (Murch et al 1598 R)

Medicine and art Art in hospitals (Behrman 584); Art of visual neglect (Halligan and Marshall 139); *See also* Art

Medicine and culture series Clinical findings in zombification cases (Littlewood and Douyon 1094); Siddha medicine (Subbarayappa 1841)

Medina Quispe, N F Update after release from detention (Reiner 587)

Mediterranean diet Protective effect in Albania (Ronsmans et al 1810)

MEDNET Website and congress (Larkin 1454 N)

Medulla oblongata Infarction in Wallenberg's syndrome in child after hyperextension of neck (case report) (Toelle et al 1516)

Mefloquine Guidance on use after neuropsychiatric reactions (Ramsay 941 N)

Megacolon Idiopathic, additional layer of intestinal smooth muscle causing (case report) (Hart et al 110)

Megarectum Idiopathic, additional layer of intestinal smooth muscle causing (case report) (Hart et al 110)

Melanocytic intraepidermal neoplasia (MIN) Terminology, criteria for and criticisms (Skov et al 1264 Com)

Melanoma, malignant Interaction with breast cancer genotype (Hemminki and Vaittinen 931 R); Sentinel node biopsy and outcome (Rivers and Roof 1336 Com); Thin cutaneous *vs* borderline lesions and melanocytic intraepidermal neoplasia (MIN) terminology (Skov et al 1264 Com); Tyrosinase as T-cell target and vitiligo pathogenesis (Song 82 Com)

Melatonin In feverfew, medicinal value and need for biochemical characterisation (Murch et al 1598 R); Jet-lag and (Waterhouse et al 1611 S)

***MEN I* gene** Mutations in sporadic neuroendocrine tumours of gastroenteropancreatic system (Toliat et al 1223 R)

Meningioma Intracranial and vascular headache due to (Talacchi et al 1004 R); Presenting with behavioural and neurological signs (case report) (Rackoff 1444); Radiosurgery treatment (Macready 1372 N)

Meningitis Aseptic, pituitary apoplexy differential diagnosis (case report) (Embil et al 182); Aseptic, trimethoprim-induced (Gilroy et al 112 R); Bacterial, pathophysiology (Kaplan 158 Com); C3 and factor B in cerebrospinal fluid (892 correction); Chronic aseptic and measles virus association (Luzi et al 338 R); Group A meningococcal, failure to implement mass vaccination in Africa (Robbins et al 880) (Higham 1707 C) (Kaninda et al 1708 C) (Perkins et al 1708 C) (Robbins et al 1709 C) (Wenger et al 1709 C); *Haemophilus influenzae* type b (Hib), elimination by Hib vaccine use (Dominguez et al 222 C) (Melhus and Hemansson 222 C); Hearing loss prevention (Kaplan 158 Com); *Listeria monocytogenes* causing in adults, fatality rate, diagnosis and food-related infection (Calder 307 Com) (Jones et al 1034 C); Penicillin-resistant *Streptococcus pneumoniae*, management strategy (Goldstein and Garau 233 Com) (Klugman and Koornhof 1176 C)

Meningococcaemia Effects of recombinant fragment of bactericidal/permeability-increasing protein (BPI) in children (trial) (Giroir et al 1439) (Duncan 1565 Com); New therapies including protein C concentrate, heparin and haemodiafiltration (Duncan 1565 Com) (Smith et al 1590)

Meningococcal meningitis Failure to implement mass vaccination in Africa (Robbins et al 880) (Higham 1707 C) (Kaninda et al 1708 C) (Perkins et al 1708 C) (Robbins et al 1709 C) (Wenger et al 1709 C)

Meningococcal sepsis Effects of recombinant fragment of bactericidal/permeability-increasing protein (BPI) in children (trial) (Giroir et al 1439) (Duncan 1565 Com)

Meningoencephalitis Pituitary apoplexy differential diagnosis (case report) (Embil et al 182)

Menstrual cycle Mammographic screening efficacy affected by timing (Bradbury 569 N); Sertraline therapy for premenstrual dysphoric disorder (Larkin 935 N); Theophylline clearance variations (Macready 644 N) (Ohrui et al 1178 C)

Mental disability In congenital bilateral perisylvian syndrome (Birchard 121 N); Forced sterilisation in Japan (Watts 941 N); Forced sterilisation in Sweden, reforms and compensation sought (Awuonda 723 N); Sterilisation of children to be curtailed in Austria (Glass 723 N)

Mental health Effects of ethnic violence in Rwanda (Crowe 1455 N); Outreach programme planned in Canada (Kondro 1232 N); Review procedures for patient discharge, shortcomings found in UK (Rogers 1306 N)

Mental illness Autobiographical accounts and narratives (Jones 359); Global burden and strategies to reduce mortality (Appleby et al 143 C) (Eisenberg 143 C); Organic disorders, in paraneoplastic syndrome (case report) (Okamura et al 488) (Duyff 1250 C) (Okamura et al 1250 C) (Schiffman et al 1251 C); *See also* Psychiatric disorders

Mental state Effect of antihypertensive drugs (Bonn 1753 N)

Mentally incapable people Decision-making on medical treatment (law - UK) (Luttrell 950 N)

Mercury Minamata Bay declared safe (Watts 422 N)

"Mercy-killing" Reduced sentence for farmer over death of daughter with cerebral palsy (Kondro 1758 N)

MERLIN Control of TB in Russia (Banatvala 348 N)

Mesalazine Eosinophil activation and Churg-Strauss syndrome due to (Morice et al 1105 C); Formulations, licensing of Coltec EC and cautions on substitutions of formulations (Forbes and Chadwick 1329 C)

Mesenteric ischaemia Measurement by blood gas analysis and gastric tonometry (Rhodes et al 413 R)

Meta-analysis ACE inhibitors in prevention of end-stage non-diabetic renal failure (Bradbury 787 N); Adjuvant chemotherapy for localised resectable soft-tissue sarcomas in adults (Sarcoma Meta-analysis Collaboration 1647); Amiodarone prophylaxis effects after myocardial infarction and in heart failure (Amiodarone Trials Meta-Analysis Investigators 1417); Beta-blockers in heart failure (Bradbury 121 N); Blinding of readers to identity of authors of papers is unnecessary (Berlin et al 185 R) (West 892 C); Breast cancer risk with HRT (LaCroix and Burke 1042 Com) (Collaborative Group on Hormonal Factors in Breast Cancer 1047) (1484 correction) (Gray 1627 C) (Gruber et al 1628 C) (Holli et al 1704 C); Discrepancies with subsequent large trials and funnel plots (Davey Smith and Egger 1182 C); Placebo-controlled homoeopathy trials (Vandenbroucke 824 Com) (Langman 825 Com) (Linde et al 834); Validity concerns and risks in deciding clinical treatment (675 E) (Rothwell et al 1181 C) (Davey Smith and Egger 1182 C) (Kelly 1182 C)

Metalloproteinase-9 Aortic aneurysm rupture associated with expression of (1080 N)

Metastases Detection of gene deletions in single tumour cells by FISH and tumour staging by (Pack et al 164 R) (Caldas 231 Com) (Anderson 962 C) (Baum and Vaidya 962 C)

Metformin Insulin sensitivity increased by and comparison with troglitazone (Hopkins 341 N)

Methadone Maintenance therapy, greater availability sought by NIH (Firshein 1609 N); As safe and effective treatment for opioid addiction (Pini 937 N); Supervised distribution may be terminated in Switzerland (McGregor 572 N)

Methaemoglobinaemia After nitric oxide inhalation in infant with pulmonary hypertension (Nakajima et al 1002 R)

Methicillin resistant *Staphylococcus aureus* (MRSA) Control and need for antibiotic policies (Humphreys and Keane 737 C); Invasive infection and increases in (Johnson and James 1710 C); Isolates from blood and CSF in UK (1989-95) (Speller et al 323) (Williams 885 C) (Namnyak 1326 C) (Bevan et al 1327 C); Vancomycin resistance in (Tabaqchali 1644 Com) (Hiramatsu et al 1670)

Methimazole Use in pregnancy in hyperthyroidism and fetal malformations after (Johnsson et al 1520 R)

Methotrexate In early combined treatment of rheumatoid arthritis (COBRA trial) (Emery 304 Com) (Boers et al 309); Folic acid interference with (Hajenius et al 774) (Simone et al 1556 C); Primary biliary cirrhosis treatment (LaRusso 1046 Com); Systemic, laparoscopic salpingostomy *vs* in tubal pregnancy (Hajenius et al 774) (Watermeyer and Penketh 1554 C) (Fernandez 1555 C) (Hajenius et al 1555 C) (Hart and Magos 1555 C) (Simone et al 1556 C)

5,10-Methylenetetrahydrofolate reductase (MTHFR) 677C-T mutation and need for increased folate intake in neural tube defect prevention (Wilcken 603 Com) (Rizzari et al 1479 C) (Whitehead and Bates 1642 Com); 677C-T mutation and recurrent early pregnancy loss (Nelen et al 861 R); Thermolabile variant associated with low red-cell folates (Molloy et al 445 C) (Wright 445 C)

Methylmercury Neurological development delay in children (Moore 1453 N)

Methylprednisolone Idiopathic thrombocytopenic purpura treatment in children (O[*]zsoylu 1252 C); Intra-articular in osteoarthritis of knee (Creamer and Hochberg 506 S) (Gordon et al 1327 C) (Creamer and Hochberg 1328 C)

Metoclopramide For control of vomiting in acute porphyria (Elder et al 1104 C) (Gorchein 1104 C)

Mexico City Policy US family-planning funding restrictions dropped (Rovner 1608 N)

Microbiology Molecular, applications to vaccinology (Moxon 1240); Pathogenic mechanisms as focus (symposium) (Wunsch 1372 N)

Microencapsulation Parathyroid allotransplantation without immunosuppression (Hasse et al 1296 R)

Microorganisms Pathogenic role in chronic arthritis (Hasunuma et al 145 C)

Microsomal epoxide hydrolase Gene polymorphism and susceptibility to emphysema (Smith and Harrison 630) (Pirmohamed et al 1553 C) (Smith and Harrison 1553 C) (Paolini and Chieco 1554 C)

Micturating cystourethrography Ultrasonography *vs* to exclude vesicoureteric reflux in infants (Postlethwaite and Wilson 1567 Com)

Mid-upper-arm circumference (MUAC) WHO publication of reference figures (Macfarlane 150 C)

Middle East Cancer Consortium (MECC) Research grant applications sought (Fishman 501 N)

Migraine Cerebral blood flow during centrifugation by ice skaters/dancers (Schmidt 1145 R); Sumatriptan nasal spray for (Larkin 1604 N)
Milk Cryptosporidiosis outbreak linked in school (Gelletlie et al 1005 R)
Minamata Bay Mercury free and fishery products declared safe (Watts 422 N)
Mini Mental State Examination (MMSE) Alzheimer's disease assessment (Lovestone et al 232 Com) (McShane et al 886 C) (Kellett 887 C) (Mackay 887 C)
Minimally invasive direct coronary artery bypass (MIDCAB) Trouble-shooting (Izzat and Yim 665 C)
Minimum data sets (MDS) Geriatric assessment (Schrol 604 Com)
Minocycline In rheumatoid arthritis (Frankel 1524 N)
Mitochondria α-Ketoglutarate dehydrogenase complex, in Alzheimer's disease (Nakano et al 1367 R)
Mitochondrial disease Presenting with stroke and nature of mtDNA mutations (case report) (Chinnery et al 560) (Chinnery et al 1402 C) (Loftus and McCarron 1402 C); *See also* Mitochondrial myopathies
Mitochondrial DNA mutations As cause of diabetes (Shiotani et al 1254 C); Cyclic vomiting syndrome association (Boles et al 1299 R); Mitochondrial disease presenting with stroke (case report) (Chinnery et al 560) (Chinnery et al 1402 C) (Loftus and McCarron 1402 C); Reduction by bupivacaine treatment in mitochondrial myopathies (Bradbury 119 N)
Mitochondrial myopathies Reversal by bupivacaine to induce reduction of mutant mtDNA (Bradbury 119 N); *See also* Mitochondrial disease
Mitoguazone dihydrochloride FDA rejection for use in AIDS-related non-Hodgkin's lymphoma (125 N)
Mitral stenosis Tattooing treatment in India (Bhargava and Narang 298 C)
Mitral valve Reconstruction *vs* left-ventricular volume reduction (Carpentier 456 Com) (Angelini et al 489 R) (Komamura and Miyatake 1327 C) (Chanda et al 1705 C) (Barsotti et al 1706 C) (Bestetti 1706 C) (Kaisers et al 1706 C)
***MLL* gene** Translocation and acute lymphoblastic leukaemia in infant (Fricker 1755 N)
Models (fashion) Biometric database and tall/curvaceous figures (Tovée et al 1474 C)
Modification of Diet in Renal Disease (MDRD) Group Strict blood pressure control needed by hypertensive African-Americans (Macfeady 787 N)
Molecular microbiology Applications to vaccinology (Moxon 1240)
Molecular technology Diagnosis of STDs (Dayan 1303 N)
Moncada, S As director of Cruciform Project, interview (Fox 56)
MONICA project Prevalence of coeliac disease in Northern Ireland (Johnston et al 1370 R)
Monoclonal antibodies 15B3 mAb developed for CJD diagnosis test (Moore 1373 N); Anti-IL-2, for graft rejection prevention (1376 N); Non-Hodgkin's lymphoma treatment (Ault 416 N); Rheumatoid arthritis therapy (Isaacs 1524 N)
Monoclonal gammopathy of undetermined significance (MGUS) HHV-8 association (Marcelin et al 1144 R)
Monocyte tissue-factor Expression in type IIa hypercholesterolaemia reduced by simvastatin (Ferro et al 1222 R)
Monocytes Procoagulant activity induced by autoantibodies in antiphospholipid syndrome (Roubey and Hoffman 1491 Com); In resistance to HIV infection (Bonn 1303 N)
Montand, Y. Exhumation for paternity testing (Durand de Bousingen 1458 N)
Morbidity Socioeconomic equalities in western Europe (Vågerö and Erikson 516 C) (Wilkinson 516 C) (Mackenback et al 517 C) (Di Carlo et al 518 C)
Morphea Induction of matrix metalloproteinase 1 (MMP-1) by UVA-1 phototherapy in fibroblasts (Gruss et al 1295 R)
Morphine Epidural, phantom limb pain prevention (trial) (Katz 1338 Com) (Nikolajsen et al 1353; Oral, for sickle-cell disease pain in children (trial) (Jacobson et al 1358)
Mortality Albanian paradox and Mediterranean lifestyle effect (Gjonça and Bobak 1815); Cardiovascular disease as leading cause (Huston 121 N); Cause-specific and age-specific in Russia (Kromhout et al 379 Com) (Leon et al 383); Cause-specific in diabetics (Balkau et al 1680 R); Changes in Russian rates (1984-94) and possible alcohol consumption involvement (Kromhout et al 379 Com) (Leon et al 383) (Cleophas and van der Meulen 956 C) (Haaga and Mitchell 956 C) (Powles and Day 956 C); Children in Iraq (Zaidi 1105 C); East-West gap and contribution of environmental factors (Krzyzanowski and Bobak 1255 C); Infant and iodination of irrigation water (DeLong et al 771) (Ronsmans et al 1481 C) (DeLong and Leslie 1482 C) (Pharoah 1482 C); Infants and health inequalities in UK (Scott-Samuel 753 Com); Intensive-care admission refusals and research *see* Intensive care; Maternal criteria in Hong Kong and maternal suicides (Yip et al 1103 C); Maternal, decline in Matlab (Bangladesh) (Ronsmans et al 1810); Paediatric and centralisation of intensive care *see* Paediatric intensive-care; Road accidents, in Arab Gulf states (Kandela 126 N); Smoking-related (303 E) (Broughton 890 C) (Gray and Boyle 890 C); Socio-economic gradients and role of control at work (Davey Smith and Harding 1369 R); Socioeconomic equalities in western Europe (Vågerö and Erikson 516 C) (Wilkinson 516 C) (Mackenback et al 517 C) (Di Carlo et al 518 C); Tobacco-related in China (Bradbury 643 N)
Mosques Health education at (Ejidokum et al 223 C)
Mothers Growth-monitoring teaching aid to improve understanding of growth curves (Sohal et al 562 R); Kangaroo-mother care (KMC) of infants (Doyle 1721 Com); Mortality *see* Mortality; Working, increased cortisol excretion (269 N); *See also* Parents
Motion-sickness Sex differences in incidence (Cooper et al 892 C)
Motor control Episodic loss in episodic ataxia type-2 (EA-2) (case report) (Melberg et al 1220)
Motor neurone disease Potentially lethal painkiller administration approved by UK court (Brahams 1376 N)
Motor racing Exemption from tobacco sponsorship ban in UK (1411 E) (Charlton et al 1474 C) (Dean 1607 N); Tobacco sponsorship and smoking by boys (Charlton et al 1474 C)
Mouth Aberrant internal carotid artery (Tsunoda et al 340 R); Fetal movements, sex differences in (Hepper et al 1820 R)
Moxonidine Cholestatic hepatitis induced by (Tamm et al 1822 R)
MTHFR *see* 5,10-Methylenetetrahydrofolate reductase (MTHFR)
Mucosa-associated lymphoid tissue lymphoma *see* MALT lymphoma
Mucosal bacteria Colitis and inflammatory bowel disease associated (meeting) (McConnell 1302 N)
Mucosal cells M cell role in mucosal immune system (Featherstone 1230 N)
Mule deer High sequence homology of *PrP* gene in Rocky Mountain elk and (Cervenáková et al 219 C)
Multidrug resistance *Mycobacterium bovis* and nosocomial transmission and mortality in advanced HIV-infected patients (Guerrero et al 1738); Plague case in Madagascar (Bonn 788 N); *See also* Antibiotic resistance
Multidrug resistance associated protein (MRP) Induced by chemotherapy and complementation of defective CFTR in cystic fibrosis (Lallemand et al 711 R)
Multidrug resistance protein (MDR) Induced by chemotherapy and complementation of defective CFTR in cystic fibrosis (Lallemand et al 711 R)
Multidrug resistant tuberculosis Global hot spots and CDC study (Macready 1302 N); Spread in India and control programme (Kumar 1689 N)
Multidrug therapy Leprosy (1717 E)
Multiple endocrine neoplasia (MEN) Neuroendocrine tumours of gastroenteropancreatic system associated with *MEN I* gene mutations (Toliat et al 1223 R)
Multiple myeloma HHV-8 association not found (MacKenzie et al 1144 R) (Marcelin et al 1144 R)
Multiple sclerosis Azathioprine *vs* new treatments (Palace and Rothwell 261 R) (Kolar 1033 C); Human herpesvirus 6 (HHV-6) as possible trigger (Moore 1685 N); Interferon treatment (Wokke and van Gijn sIII 14); Long-chain linoleic-acid metabolite treatment for (Bradbury 1685 N); Misdiagnosis (Young 522 C) (James 1178 C)
Mummies, Egyptian Diseases of and investigation techniques (David 450 C) (Nathan 450 C) (Nerlich et al 1404 C)
Mupirocin *Staphylococcus aureus* resistance (Speller et al 323) (Namnyak 1326 C)
Muscle dysmorphia (Bradbury 1525 N)
Muscle fibres Type II predominance in exertional heat stroke (Epstein 83 Com)
Museum of London Bedlam: Custody, Care and Cure 1247-1997 (exhibition) (Murphy 1258)
Mutagen In cigarettes and foggy conditions (1406 correction)
Mycobacteria RRNA sequences in sarcoid tissues (Di Alberti et al 1655)
Mycobacterium bovis Multidrug resistance and nosocomial transmission and mortality in advanced HIV-infected patients (Guerrero et al 1738)
Mycobacterium tuberculosis Genome sequencing (conference) (Abdulla 1604 N)
Mycophenolate mofetil Pemphigus vulgaris treatment (Enk and Knop 494 R); Pyoderma gangrenosum treatment (Powell et al 1720 Com) (Hohenieutner et al 1748 R); In severe autoimmune haemolytic anaemia (Zimmer-Molsberger et al 1003 R); Trials (Henry sIII 28)
Mycoses Opportunistic, FDA to "fast-track" new antifungal agents (Bonn 870 N)
Mycotoxins Contamination of maize flour in Kenya (Kigotho 718 N)
Myelodysplastic syndrome Benzene association (Bonn 267 N); Prognosis (Rozman and Sierra sIII 9)
Myocardial infarction Abciximab in (RAPPORT trial) (Husten 645 N); Acute, value of 12-lead ECG after reperfusion therapy (van't Hof et al 615); Alteplase continuous infusion *vs* double-bolus injection trial stopped (Bonn 1229 N); Alteplase and reteplase survival results similar (GUSTO III study) (Bonn 1229 N); Angioplasty *vs* thrombolysis (GUSTO IIb trial) (Steinhubl and Topol 532 Com); *Borrelia burgdorferi* infection in suspected cases (Oksi et al 1447 R); Coronary stenting reappraisal (Steinhubl and Topol 532 Com); In diabetics (Webster and Scott sI25); Diagnosis using artificial neural networks (Fricker 935 N); Effects of prophylactic amiodarone after (meta-analysis) (Amiodarone Trials Meta-Analysis Investigators 1417); Gender differences in management (Bonn 343 N); In hereditary spherocytosis after splenectomy (Schilling 1677 R); Lipoprotein lipase mutations associated (937 N); Low risk with oral contraceptives, WHO meeting report (Spitzer 1566 Com); Low-dose warfarin with low-dose aspirin *vs* aspirin only (Coumadin Aspirin Reinfarction Study (CARS) Investigators 389) (Peverill et al 1177 C); Non-Q-wave, FDA approval for enoxaparin sodium (125 N); Platelet GP IIb/IIIa blockade (Narins and Topol sIII 2); Prehospital thrombolysis to reduce mortality (GREAT trial) (Husten 1301 N); Psychosocial rehabilitation after (Irving 457 Com) (Frasure-Smith et al 473) (Lewin et al 1400 C) (McGee and Horgan 1400 C) (Frasure-Smith and Lespérance 1401 C); Ramipril for heart failure after, follow-up of AIRE study (AIREX) (Tognoni and Franzosi 366 C) (Dunkley and Hodgson 367 C) (Hall et al 367 C); Recurrent disease reduced by antibiotic elimination of *C pneumoniae* (Bower 191 N); Stroke after, due to raised lipoprotein(a) (case report) (372 correction); Tomatoes consumption in protection against (Larkin 1229 N); *See also* Coronary heart disease (CHD); Ischaemic heart disease
Myopathy Mitochondrial, bupivacaine treatment to reduce mutated mtDNA levels (Bradbury 119 N)
Myotonic dystrophy Biological anticipation due to trinucleotide repeat amplification (Fraser 459 Com) (Petronis et al 1403 C)
Myxoma Atrial, cause of fever of unknown origin (Arnow and Flaherty 579 S)

N

Namibia HIV-1 and AIDS awareness in marginalised community (Brenzinger and Harms 1180 C)
Nasal congestion In sarcoidosis and radiotherapy treatment (Douds et al 786 R)
Nasal discharge Colour, confusion over and inappropriate antibiotic prescribing (Mainous III et al 1077 R)
Nasopharyngeal carcinoma (Vokes et al 1087 S); Histopathology/epidemiology/features/staging/treatment (Vokes et al 1087 S)
National Asthma Campaign Survey results of young people's experience of asthma (1080 N)
National Asthma week (UK) Survey results of young people's experience of asthma (1080 N)
National Cancer Institute (NCI) Nuclear bomb test fallout expected to cause cancers (McCarthy 415 N); Work and vision of R. Klausner (director) (Larkin 1756 N)
National Confidential Enquiry into Perioperative Deaths Survey of unsupervised surgery (1014 N)
National Health Service (NHS) (Jewell 48); Costs and drugs bill provoke rationing debate (Dean 1305 N); Funding increase and new spending review planned by Labour Government (Dean 1151 N); Future shape and "repackaging" of internal market by Labour government (UK) (Dean 939 N); Hospital waiting lists and reasons for difficulties in reducing numbers (Hamblin et al 1493 Com) (Dean 1607 N); Internal market to end (Dean 1829 N); Labour budget increase, "health action zones" for inner cities and hospital building programme (Dean 123 N); Labour Government changes (Jewell 48); New managed health care system and GPs role (Dean 1829 N); Rationing of care priorities should be set by parliament (Mitchell 196 N); Rationing of growth hormone (Nussey 743 C) (Jones et al 1483 C) (Robertson et al 1483 C) (Nussey 1484 C); Trusts as recruitment agencies under Private Finance Initiative (Pollock 125 N)
National Heart Lung and Blood Institute Report and

guidelines on hypertension treatment (Furberg and Psaty 1413 Com)
National Institute of Allergy and Infectious Diseases (NIAID) T-cell recovery after highly-active antiretroviral therapy in HIV infection (Rowe 720 N)
National Institutes of Health (NIH) Acupuncture benefits report (1452 N); Funding increase but lobbying continuation (Greenberg 499 N); Funding increase by Congressional innovative methods (Greenberg 791 N); Gene therapy conference and safety concerns (79 E); Greater methadone maintenance treatment availability sought (Firshein 1609 N); Hepatitis C management (450 correction)
National Resident Assessment Instrument (RAI) Geriatric assessment (US) (Schrol 604 Com)
National Surgical Adjuvant Breast and Bowel Project (NSABP) B-18 trial, pre-operative chemotherapy to reduce breast tumour size (Bonn 35 N); Tamoxifen with chemotherapy of benefit in breast cancer (Wunsch 1604 N)
Natriuretic peptides Assessment/prediction of patients with possible heart failure (Cowie et al 1349)
Near-infrared imaging (NIR) Low-cost and applications (Jack 790 N)
Necdin gene Neuronally-expressed, as imprinted candidate gene in Prader-Willi syndrome (Sutcliffe et al 1520 R)
Neck Extension at hairdresser and stroke due to (Nwokolo and Bateman 866 R) (Weintraub 1777 C) (Yuzawa and Nozue 1778 C); Hyperextension and Wallenberg's syndrome after in child (case report) (Toelle et al 1516); Pain in carotid artery dissection (case report) (Schievink 260)
Necrotising enterocolitis Experimental model (Szylit et al 33 R)
Needle-exchange programmes Funding restrictions in US after health-care budget increase (Rovner 1529 N)
Needle-stick injuries Legal action over attacks in Ireland (Birchard 1607 N)
Negligence *see* Medical negligence
Neonates Hepatitis B morbidity reduced by nationwide immunisation campaign in Italy (Squarcione et al 114 R); HIV infection and viral kinetics in (Krivine et al 493 R); Medical end-of-life decisions in Netherlands (van der Heide et al 251) (Cole 816 C) (Howard 816 C) (Grassin et al 817 C) (White 817 C) (van der Heide et al 1711 C); Mortality increased by magnesium sulphate use in preterm labour (Bennett and Edwards 1491 Com) (Mittendorf et al 1517 R); Polycythaemia after third stage of labour underwater (Austin et al 1445 R); Randomised controlled trials and informed consent (Mason et al 1416 Com); Screening for vesicoureteric reflux (Verrier Jones 380 Com) (Scott et al 396) (Blumenthal 1030 C) (Matthews 1031 C) (Scott et al 1031 C); Shivering and hypothermia after intrapartum amnioinfusion (Petrikovsky et al 1366 R) (Philip 1856 C); *See also* Infants
Nephropathy In diabetics, effect of treatment on cardiovascular disease (Webster and Scott sI24)
Nerve Ingrowth into diseased intervertebral disk in chronic back pain (Freemont et al 178)
Nesidioblastosis Absence of insulin upstream-factor 1 (IUF1) from cells and role in ß-cell growth (Hopkins 1523 N)
Netherlands Folic acid use in pregnancy and spina bifida prevention (1372 N); Medical end-of-life decisions for neonates and infants (van der Heide et al 251) (Cole 816 C) (Howard 816 C) (Grassin et al 817 C) (White 817 C) (van der Heide et al 1711 C)
Networks of Centres of Excellence Two networks to be shut in Canada (Kondro 1152 N)
Neural innervation Role in wound healing (Richards et al 339 R)
Neural networks Artificial, diagnosis of acute myocardial infarction (Fricker 935 N); Outcome prediction for colorectal cancer (Bottaci et al 469) (Buyse and Piedbois 1175 C) (Drew and Bottaci 1175 C)
Neural tube defects Prevention and folate intake recommendations (Whitehead and Bates 1642 Com) (Daly et al 1666); Prevention by folic acid supplements, UK survey (Wild et al 30 R) (Howell et al 664 C) (Hurren et al 664 C) (Wald and Hackshaw 665 C); Prevention in MTHFR mutation cases by increased folate intake (Wilcken 603 Com) (Rizzari et al 1479 C); Terathanasia as mechanism for protective effect of folic acid (Hook and Czeizel 513) (Burn and Fisk 1322 C) (Hall 1322 C) (Hook 1323 C) (Schorah et al 1323 C) (Giagounidis et al 1712 C)
Neurobehavioural effects Organophosphate exposure (Brahams 1457 N)
NeuroControl Corp Freehand system approved by FDA (724 N)
NeuroCybernetic Prosthesis Epilepsy device approved by FDA (Ault 268 N)
Neurodegenerative disease As conformational disease (Carrell and Lomas 136)
Neuroendocrine tumours Of gastroenteropancreatic system and mutations in *MEN I* gene associated (Toliat et al 1223 R)
Neurofibrillary tangles New plaque protein (AMY117) in Alzheimer's disease (Larkin 36 N)
Neuroleptic agents Atypical, olanzapine (372 correction)
Neurological development Delay in children due to methylmercury exposure (Moore 1453 N)
Neurological disorders Rubella vaccine not associated (Larkin 569 N)
Neurological features In new variant CJD (Zeidler et al 903) (Zeidler et al 908)
Neurologists Interview with Sacks, O. (Brawarsky 1092)
Neurology Review of developments in 1997 (Wokke and van Gijn sIII 14)
Neuroprostheses For leg function after spinal-cord injury (Donaldson et al 711 R)
Neuroprotectants Early treatment to improve stroke outcome (Kandela 936 N)
Neuropsychiatric disorders Borna disease virus association (Haga et al 592 C) (Nowotny and Windhaber 593 C)
Neutrophils Bactericidal/permeability-increasing protein (BPI), effect of recombinant BPI in meningococcal sepsis (trial) (Giroir et al 1439) (Duncan 1565 Com)
New England Journal of Medicine Meta-analysis criticism (675 E)
New Zealand Bogus psychiatrist (Bonn 794 N); Health care rationing under scrutiny (Coney 1152 N)
Newborn infants *see* Neonates
Nicotine Need to reduce levels in cigarettes despite tobacco companies' pact (1 E); Regulation, limitation of FDA authority not supported by President (Rovner 195 N); Transdermal, in spastic dystonia treatment (Vaughan et al 565 R)
Nifedipine Preterm labour management (Lockwood 1339 Com)
Night terrors Paroxetine treatment of adults in (Wilson et al 185 R)
Nimesulide Prevention of preterm delivery (Sawdy et al 265 R)
Nitric oxide Bronchoprotection by and impairment of release in asthma (Ricciardolo et al 1297 R); Endogenous production and loss in perioperative period in lung transplantations (Marczin et al 1681 R); Exhaled during lung transplantation (Marczin et al 1681 R); Inhalation in infant with pulmonary hypertension and methaemoglobinaemia after (Nakajima et al 1002 R); Inhaled, in acute respiratory distress syndrome (ARDS) (Troncy et al 111 R); Inhaled, exercise capacity in congestive heart failure (818 correction); Release in carbon monoxide poisoning and mechanism (Bonn 1008 N); Release by transdermal S-nitrosothio-acetylglucose (SNAG) (Khan et al 410 R); Safety guidelines for use (224 correction); Synthesis from arginine and actions (Chowienczyk and Ritter 901 Com)
Nitric oxide inhibitor L-NMMA effect on bradykinin-induced bronchoconstriction in asthma (Ricciardolo et al 1297 R)
S-Nitrosothio-acetylglucose (SNAG) Transdermal and effect on skin blood flow (Khan et al 410 R)
Nitrous oxide Psychotropic analgesic (PAN) therapy, in alcohol withdrawal syndrome (Gillman and Lictigfeld 737 C)
L-NMMA Bradykinin-induced bronchoconstriction not potentiated in asthma patients (Ricciardolo et al 1297 R)
Nobel Peace Prize Awarded to International Campaign to Ban Landmines and Williams J. (1153 N)
Nobel Prize for Physiology/medicine Awarded for prion discovery (S. Prusiner) (Bonn and Ault 1079 N)
Nocturnal enuresis *see* Enuresis
NOGA system Cardiac catheter for 3D image of ventricle (Fishman 268 N)
Noise In intensive care units for premature infants and recommendations for reduction (Moore 1826 N)
Nomadic populations Effectiveness of DOTS treatment of TB (Crowe 343 N)
Non-Hodgkin's lymphoma AIDS-related, mitoguazone dihydrochloride use rejected by FDA panel (125 N); Benzene association (Bonn 267 N); Blood transfusions and risk association (Alexander 1414 Com); Chemotherapy-associated thrombocytopenia and prevention by human recombinant interleukin-11 (Ault 416 N); Monoclonal antibody treatment (Ault 416 N); Nested case-control study of organochlorine association (Rothman et al 240); Prognosis (Rozman and Sierra sIII 9); Shorter chemotherapy schedule proposed (McCarthy 1373 N)
Non-small-cell lung cancer Conventional radiotherapy *vs* CHART schedule (Vokes 156 com) (Saunders et al 161) (Papac 888 C) (Würschmidt and Heilmann 888 C); US management guidelines (Bonn 417 N)
Non-steroidal anti-inflammatory drugs (NSAIDs) Colorectal cancer risk reduction and possible mechanisms (Featherstone 418 N); COX-2 selective in prevention of preterm delivery (Sawdy et al 265 R); *Helicobacter pylori* eradication before for prevention of peptic ulcers (Chan et al 975) (Savarino et al 1556 C); Osteoarthritis management (Creamer and Hochberg 506 S) (Gordon et al 1327 C) (Bhattarai 1328 C) (Creamer and Hochberg 1328 C); Unnecessary prescribing by doctors (US) (Bonn 869 N)
NORAD (agency in Norway) HIV prevention programme for aid workers (Awuonda 1830 N)
North Korea Food shortage stabilised (McGregor 1307 N)
Northern Ireland Campaign for extension of UK Abortion Act (Birchard 1377 N); Coeliac disease prevalence (Johnston et al 1370 R)
Norway HIV prevention programme for aid workers (Awuonda 1830 N)
Nosocomial infections Bacterial contamination of doctors' pens and possible role (Datz et al 1824 R); Multidrug resistant *Mycobacterium bovis* in HIV-infected patients and high mortality (Guerrero et al 1738); *See also* Hospitals
***Notch3* mutations** Clustering in CADASIL and potential diagnostic testing (Goates and Morris 1490 Com) (Joutel et al 1511)
Notification HIV infected patients in US (Mitchell 1306 N)
Novartis Foundation Debate on problems of xenotransplantation (Abdulla 868 N); Symposium on Alcohol and Cardiovascular Disease (Abdulla 1148 N); Tuberculosis prevention and need for social reforms with new drugs/vaccines (meeting) (Abdulla 1604 N)
Nuchal translucency *see* Fetal nuchal translucency test
Nuclear bomb Tests, cancers associated with fallout in US (McCarthy 415 N); Veterans angered by UK Prime Minister's letter (Baggs 649 N)
Nuclear tests Eastman Kodak warned but not public health agencies during Cold War (Greenberg 1083 N)
Nucleic acid As immunogens and vaccine development (Moxon 1244); *See also* DNA
Nurses Risk to and human rights abuses, Amnesty International report (Welsh 1396); Strike as threat to health care in Kenya (Kigotho 1758 N)
Nursing Psychosocial, after myocardial infarction (Irving 457 Com) (Frasure-Smith et al 473) (Lewin et al 1400 C) (McGee and Horgan 1400 C) (Frasure-Smith and Lespérance 1401 C)
Nursing homes Health care improvement in US (Morris 420 N); Placement of Alzheimer's disease patients participating in trials (269 N)
Nutrition Review of developments in 1997 (West and Hautvast sIII 15)
Nutritional supplement FDA bill signed (Rovner 1689 N); Labelling, FDA bill progress (Rovner 1013 N)
Nutritional support Glutamine supplementation (Powell-Tuck 534 Com)

O

***OBESE* gene expression** In hydatidiform mole tissue (Sagawa et al 1518 R)
Obesity In diabetics, effect of weight reduction on cardiovascular disease (Webster and Scott sI25); Epidemiology/pathophysiology/genetics/diagnosis and treatment (Björntorp 423 S) (James 885 C) (Kinzl 1634 C); Exercise to reduce risk of gestational diabetes (Bonn 1685 N); NIDDM "epidemic" (Morris 269 N); Prevalence in Austrian women (Kinzl 1634 C); Treatment (Mingrone and Greco sIII 4)
Obesity drug FDA approval for sibutramine (1760 N)
Obstetrics Magnesium sulphate use and increased neonatal mortality (Bennett and Edwards 1491 Com) (Mittendorf et al 1517 R); Review of developments in 1997 (Harrison and Seppälä sIII 16)
Occupational health International recommendations in *Social Accountability 8000* document (1187 E)
Ocular hypertension Risk in elderly on oral glucocorticoids (Garbe et al 979)
Ocular infections Treatment (Okhravi and Lightman sIII 18)
Ocular malformations Adapalene gel use in pregnancy associated (Autret et al 339 R)
Odour Breath, multidisciplinary clinic (Delanghe et al 187 R); Fishy, due to gene mutation (Larkin 1684 N); Impaired perception in chronic renal disease (Reaich 1191 Com)
Oesophageal varices Bleeding *see* Variceal haemorrhage
Oesophagus Barrett's, increased incidence (Prach et al 933 R)

Oestriol Parturition initiation theory (Schwartz 1792 Com)
Oestrogen Maternal levels linked to breast and testicular cancer risk in twins (Swerdlow et al 1723); Selective oestrogen receptor modulators (raloxifene) effects and benefits (Compston 676 Com); Therapyeffect of parathyroid hormone on vertebral bone mass and fractures in postmenopausal osteoporosis and (Lindsay et al 550); non-fatal stroke risk not affected (Pedersen et al 1277)
Topical, to increase wound healing (McCarthy 1301 N); Wound healing accelerated in postmenopausal women (McCarthy 1301 N); *See also* Phyto-oestrogens
Office of National Statistics Health Inequalities Decennial Supplement (Scott-Samuel 753 Com)
Oilseed rape Inhalation of emissions and health effects (Antó 458 Com)
Olanzapine As atypical neuroleptic and use in schizophrenia, need for unbiased report (Kerwin 594 C) (Reus 594 C); Features and use (372 correction)
Onchocerciasis Funding agreement for "phasing-out" eradication programme (Ress 1689 N); Serious adverse reactions to mass treatment with ivermectin in region endemic for *Loa loa* (Burnham 2 Com) (Gardon et al 18)
Oncology Review of developments in 1997 (Mittra and Naresh sIII 17); *See also* Cancer
Onconase In pancreatic carcinoma (trial) (Morris 1755 N)
One-parent families Benefits to be reduced in UK (Dean 1607 N)
Oocyte Transfer from donor eggs to recipient and successful birth (Cohen et al 186 R) (Brenner et al 961 C) (St John and Barratt 961 C)
Ophelia syndrome (Schiffman et al 1251 C)
Ophthalmology Review of developments in 1997 (Okhravi and Lightman sIII 18)
Opioids Addiction, methadone as safe and effective treatment (Pini 937 N); Oral analgesic (Actiq) approved for use as "lollipop" painkiller (Ault 942 N); Poppy tea and seizures associated (King et al 716 R) (1182 correction) (Trathen and Byers 1858 C) (Drummer et al 1859 C) (Nelson and Hung 1859 C) (Nowack 1859 C)
Optic chiasma Agenesis associated with adapalene gel use in pregnancy (Autret et al 339 R)
Oral contraceptives Approval in Japan imminent (Watts 1377 N); Balanced view of risks in WHO summary of scientific meeting (Spitzer 1566 Com); Combined, deaths from venous thromboembolism and need for prescribing competency certificate (Price 450 C); Risk factor for shedding of HIV-1 infected cells from cervix and vagina (Mostad et al 922); Third-generation venous thromboembolism risk warnings premature (Szarewski 497 N); venous thrombosis risks and EMEA evaluation (Alexandre and Strandberg 290 C)
Oral submucous fibrosis Pathogenic role of copper (Meghji et al 220 C)
Oral washes PCR diagnosis of *Pneumocystis carinii* pneumonia (Helweg-Larsen et al 1363 R)
Organochlorine residues Non-Hodgkin's lymphoma association and nested case-control study (Rothman et al 240)
Organophosphates Injury/illness due to, court cases (Brahams 1457 N)
Orgasms Sexual seizures in temporal lobe vascular abnormality (case report) (Reading and Will 1746)
Oropharyngeal dysphagia After unilateral hemispheric stroke, mechanism (Hamdy et al 686)
Osler, W. Curses to protect books (Sharp 1192 Com) (Neelon 1245) (MacLean 1860 C)
Osteoarthritis (Creamer and Hochberg 503 S); Epidemiology/pathogenesis/features and management (Creamer and Hochberg 503 S) (Creamer and Hochberg 506 S) (Gordon et al 1327 C) (Bhattarai 1328 C) (Creamer and Hochberg 1328 C)
Osteoporosis Anabolic therapy, US conference (Raisz 868 N); Calcitonin spray (interim trial analysis, conference) (Raisz 868 N); Corticosteroid-induced prevented by bisphosphonate etidronate (Frankel 495 N); Diagnostic/therapeutic advances at American Society for Bone and Mineral Research conference (Raisz 868 N); Etidronate *vs* alendronate therapy (Rosen 1340 Com); Hip fracture prevention by external hip protectors (Ekman et al 563 R); Postmenopausal, parathyroid hormone effect on vertebral bone mass and fractures (Lindsay et al 550); Prevention and FDA approval for raloxifene (1760 N); Risk with premature greying and low body weight (Macready 1524 N); In systemic mastocytosis (Grieser and Minne 1103 C)
Osteosarcoma Simplified *vs* complex chemotherapy schedules and effect on outcome (Blum 900 Com) (Souhami et al 911)
Osteosclerotic lesions In systemic mastocytosis (Grieser and Minne 1103 C)
Otitis media Penicillin-resistant *Streptococcus pneumoniae*, management strategy (Goldstein and Garau 233 Com) (Klugman and Koornhof 1176 C)
Outcome Generalisation from phase III clinical trials (Fayers and Hand 1025) (Kernick 1781 C) (Thompson and Barber 1781 C)
Ovarian cancer Call for premature halting of paclitaxel trial by pharmaceutical company (Gore et al 370 C) (Perren 370 C) (Calvert et al 371 C) (Rustin and Crowther 371 C); New *BRCA2* mutation in Ashkenazi Jewish family (Robso and Offit 117 R)
Ovary Polycystic, origin in intrauterine life and role of fetal growth and gestation length (Cresswell et al 1131)
Over-specialisation Diarrhoea and double vision case (Maxwell 298 C)
Overtime Cardiac autonomic activity in Tokyo and (Kageyama et al 639 R)
Oxaliplatin Chronotherapy in metastatic colorectal cancer (trial) (Lévi et al 681) (Sandor 1325 C) (Lévi et al 1326 C)
OXEGENE endometriosis study Website (Larkin 1454 N)
Oxybenzone Systemic absorption after topical application of sunscreens (Hayden et al 863 R)
Oxygen Hyperbaric, concerns after fire in Italy (Simini 1375 N); Metabolism in mechanism of ageing (Finkel 1150 N)

P

p16INK4a Mechanism of action (Wunsch 1684 N)
p19ARF Mechanism of action (Wunsch 1684 N)
p21WAF/CIP1 Upregulated by normal *BRCA1* gene (rowe 789 N)
***p53* mutations** In *BRCA-1*-associated familial breast cancer (Crook et al 638 R) (Eisinger et al 1101 C)
PACE (population-adjusted clinical epidemiology) In haematological cancer research (Engels and Spitz 677 Com)
Paclitaxel FDA advisory panel approval for use in AIDS-related Kaposi's sarcoma (125 N); Premature halting of ovarian cancer trial by pharmaceutical company (Gore et al 370 C) (Perren 370 C) (Calvert et al 371 C) (Rustin and Crowther 371 C)
Paediatric Index of Mortality (PIM) Centralisation of paediatric intensive care (Maybloom et al 65 C) (Stack et al 65 C) (Tarnow-Mordi et al 66 C) (Tasker 66 C) (Buss 67 C) (Pearson 67 C) (964 correction)
Paediatric intensive-care Centralisation debate (Maybloom et al 65 C) (Stack et al 65 C) (Tarnow-Mordi et al 66 C) (Tasker 66 C) (Buss 67 C) (Pearson 67 C) (964 correction)
Paediatric Risk of Mortality (PRISM) Centralisation of paediatric intensive care (Maybloom et al 65 C) (Stack et al 65 C) (Tarnow-Mordi et al 66 C) (Tasker 66 C) (Buss 67 C) (Pearson 67 C) (964 correction)
Paediatrics End-of-life decisions in Netherlands (van der Heide et al 251) (Cole 816 C) (Howard 816 C) (Grassin et al 817 C) (White 817 C) (van der Heide et al 1711 C); Guidelines on withholding/withdrawal of curative treatment for children (1014 N); Review of developments in 1997 (von Mühlendahl sIII 19)
Paedophile Irish hospital chaplain jailed (Birchard 348 N)
Pain Lollipop oral analgesic approved by FDA (Ault 942 N); Phantom limb, prevention by epidural bupivacaine and morphine (Katz 1338 Com) (Nikolajsen et al 1353; Relief in reflex sympathetic dystrophy by bisphosphonates (Schott 1117 Com); In sickle-cell disease in children and oral morphine management (trial) (Jacobson et al 1358); *See also specific anatomical regions*
Palestinians Medical mistreatment (claims) by Israelis and health care problems (Fishman 1527 N)
Palliative care In cancer and omission from *The Lancet* supplement (Stone and Hardy 296 C); Education, factors required and improvements needed (Benz 296 C) (Brewin 296 C); Review of developments in 1997 (Twycross sIII 20)
PAN therapy In alcohol withdrawal syndrome (Gillman and Lictigfeld 737 C)
Pan-American Health Organization *Aedes aegypti* eradication and dengue epidemic in Cuba (455 E)
Pancreas divisum Chronic pancreatitis aetiology (Mergener and Baillie 1380 S)
Pancreatic fistula In chronic pancreatitis (Mergener and Baillie 1384 S)
Pancreatic function Stool elastase as diagnostic test in children with cystic fibrosis (Wallis et al 1001 R)
Pancreatic islet transplantation Endotoxin activity of collagenase (Vargas et al 641 R)
Pancreatic pseudocyst In chronic pancreatitis (Mergener and Baillie 1384 S)
Pancreatitis Acute, amiodarone-induced (Bosch and Bernadich 1300 R); Chronic (Mergener and Baillie 1379 S); aetiology/features/diagnosis and treatment (Mergener and Baillie 1379 S)
Chronic idiopathic (Mergener and Baillie 1379 S)
Pap smear Errors/problems and role of PAPNET and automated tests (Fricker 1010 N); Screening problems and UK report calling for re-reading of tests (Bradbury 1227 N); *See also* Cervical cancer
PAPNET Use and benefits in cervical cancer screening (Fricker 1010 N)
Paracetamol Control and restrictions in Ireland and UK (724 N); Effect on parasite clearance time in *Plasmodium falciparum* malaria (Brandts et al 704) (Kazembe 1776 C) (Kremsner et al 1776 C)
Paralysis Hysterical, brain activity assessed by PET (Larkin 568 N); Poliovirus vaccine-associated, in infant with hypogammaglobulinaemia and presenting with encephalitis (case report) (Yeung et al 1594)
Paraneoplastic syndrome In young girl due to teratoma presenting with acute confusion (case report) (Okamura et al 488) (Duyff 1250 C) (Okamura et al 1250 C) (Schiffman et al 1251 C)
Paraoxonase-2 G148 variant in aboriginal Canadian girl with NIDDM and potential role (Hegele et al 785 R)
Parathyroid hormone (PTH) Effect on vertebral-bone mass and fracture in postmenopausal women with osteoporosis on HRT (Lindsay et al 550)
Parathyroid tissue Allotransplantation without immunosuppression using encapsulated parathyroid tissue (microencapsulation) (Hasse et al 1296 R)
Parathyroidectomy Calcimimetic drugs as alternative in hyperparathyroidism (Moore 1605 N)
Parenteral nutrition Glutamine supplementation (Powell-Tuck 534 Com)
Parents Confusion over consent for randomised controlled trials for infant/neonates (Mason et al 1416 Com); Smoking, childhood morbidity/mortality due to (Moore 190 N); *See also* Mothers
Parix Nomina Anatomica To be replaced by new *Anatomical Terminology* (Csillag 724 N)
Parkinson's disease Bilateral dorsolateral subthalamotomy in advanced disease (Gill and Heywood 1224 R); Electrical stimulators to control tremor approved by FDA (Ault 501 N); Familial, slow acetylator genotype for *N*-acetyltransferase 2 association (Brandmann et al 1136); Levodopa-induced dyskinesias improved by stimulation of subthalamic nuclei (Krack et al 1676 R); Tolcapone *vs* bromocriptine in levodopa-treated patients (Agid et al 712 R); Tremor alleviated by stimulation of subthalamic nuclei (Krack et al 1675 R); Zolpidem in (Lavoisy and Marsac 74 C)
Paronychia *Bartonella henselae* causing (Sander and Frank 1078 R)
Paroxetine In night terrors management (Wilson et al 185 R)
Partial liquid ventilation (Sandham sIII 3)
Parturition (human) Theories (Schwartz 1792 Com)
Passive smoking Coronary heart disease risk (Whidden 73 C); Lipid profile changes in at-risk children (Moore 718 N)
Paternity testing Exhumation of corpse in France (Durand de Bousingen 1458 N)
Patients Information on diagnoses from clinic letters leads to anxiety and need for better communication (Ellis and Matthews 1180 C); Proposed legislation to protect privacy of medical records in US (823 E); Threats of harm by and warnings to police (from doctors) in Canada (Kondro 1376 N); Views on risk-benefit ratios (Collier et al 1107 C)
Peanut allergy Transfer to transplant patient (937 N)
Pelvic floor dysfunction Management (Nager et al 1751 R)
Pelvic inflammatory disease Anaerobic bacteria role (congress) (Dayan 1303 N)
Pelvic ultrasound Water intoxication in and Addisonian crisis due to (case report) (Devendra et al 780)
Pelvimetry Magnetic resonance, in breech presentation at term (trial) (Walkinshaw 1791 Com) (van Loon 1799)
Pemphigus vulgaris Mycophenolate mofetil treatment (Enk and Knop 494 R)
Penicillin-resistant *S pneumoniae* Conference report (LeDuc and Hughes 1081 N); Re-examination of "total resistance" concept and implications (Goldstein and Garau 233 Com) (Klugman and Koornhof 1176 C)
Penis *Hox* genes controlling growth of (Larkin 1373 N); Rigidity in erectile dysfunction after treatment with transurethral alprostadil (Greco and Polonio-Balbi 1682 R)
Pens Doctors', bacterial contamination (Datz et al 1824 R)
Pentachlorophenol Exposures and hazards (Wilbur 818 C)
Peptic ulcers Bleeding, fibrin glue *vs* polidocanol treatment (trial) (Blackstone 679 Com) (Rutgeerts et al 692) (Albillos and Calleja 1397 C) (Gullarton and Galloway 1397 C) (Rugeerts et al 1398 C);

Prevention by eradication of *H pylori* before NSAIDs (trial) (Chan et al 975) (Savarino et al 1556 C); *See also* Gastric ulcer
Percutaneous biopsy Application of interventional radiology (Thomson 357)
Percutaneous transluminal coronary angioplasty (PTCA) Abciximab during unstable angina (CAPTURE trial) (Umans et al 445 C) (744 correction); Bypass surgery *vs* in diabetics (BARI trial) (Husten 1147 N); Medical therapy *vs* in angina (RITA-2) study (RITA-2 trial participants 461); Restenosis risk associated with previous CMV or *Chlamydia pneumoniae* infections (Carlsson et al 1225 R); Thrombolysis *vs* in myocardial infarction (GUSTO IIb trial) (Steinhubl and Topol 532 Com)
Perfluorocarbons Total liquid ventilation and (Sandham sIII 3)
Pericardial constriction Calcification causing hepatosplenomegaly and breathlessness and diagnosis (case report) (Lowe et al 1000) (Bernabei et al 1782 C) (Chambers and Rimington 1782 C)
Pericarditis Constrictive, after high-dose chemotherapy (Tulleken et al 1601 R)
Perindopril Adverse event in congestive heart failure with first dose (Cleland 520 C) (Lees and Reid 520 C) (MacFadyen 520 C) (Bagger 521 C) (Tan and Wright 521 C)
Peripheral artery disease (Golledge 1459 S); Research (Golledge 1463 S); Vascular gene therapy (McCarthy 1451 N)
Peripheral nerves Degeneration and regeneration detected using magnetic resonance neurography (MRN) (Dailey et al 1221 R)
Peripheral nervous system In prion protein transport (Bradbury 718 N)
Peritoneal dialysis In meningococcus-induced purpura fulminans (Duncan 1565 Com) (Smith et al 1590)
Peritonsillar abscess Aberrant internal carotid artery in mouth differential diagnosis (Tsunoda et al 340 R)
Peroxisome proliferator-activated receptor , (PPAR,) Pioglitazone-reduced insulin resistance mediated by (Imano et al 1365 R)
Persistent hyperinsulinaemic hypoglycaemia of infancy (PHHI) *see* Nesidioblastosis
Persistent vegetative state (Zeman 795 S) (Britton 1324 C) (Colover 1324 C); Definition/features/pathology/epidemiology/prognosis and management (Zeman 795 S) (Britton 1324 C) (Colover 1324 C); Ethics of organ use for transplantation (Hoffenberg et al 1320)
Personality Submissiveness trait and protection from coronary heart disease (Whiteman et al 541) (Gill and Bell 1247 C) (Meyer et al 1478 C) (Upton 1478 C) (Whiteman et al 1479 C)
Pertussis Hyperimmune serum contaminated by tetanus toxin (Réthy and Réthy 1518 R)
Pertussis vaccine Queries and trial of two-component/three-component/five-component acellular with whole-cell vaccine (Poland 1564 Com) (Olin et al 1569); *See also Bordetella pertussis*
Peru Dehydration and diarrhoea case increase associated with El Niño (Salazar-Lindo et al 1597 R)
Pervasive developmental disorders (Wing 1761 S); *See also* Autism
Pesticides Cancer risk small (1524 N); Hazardous, usage in Kenya (Kigotho 1528 N)
Pets African pygmy hedgehog as source of *Salmonella* serotype Tilene (789 N)
Peyer's patches IgA secretion and M cell role in mucosal immunity (Featherstone 1230 N)
Phantom limb pain Epidural bupivacaine and morphine for prevention (trial) (Katz 1338 Com) (Nikolajsen et al 1353
Pharmaceutical companies Halting of trials and need for moral responsibility in clinical research (155 E)
Pharmaceutical industry European, concern over clinical-trial legislation proposals (Rogers 1609 N); IGF-1 trials and research (Mitchell 1606 N); Interference in drug trials and premature halting of paclitaxel trial in ovarian cancer (Gore et al 370 C) (Perren 370 C) (Calvert et al 371 C) (Rustin and Crowther 371 C); Publication policy and Medical Editors' Trial Amnesty (tiner 1329 C); Turnover of representatives and supplies for needy patients (Lewin-Fetter 1784 C)
Pharmaceuticals *see* Drugs
Pharmacia & Upjohn Japanese Ministry warning over idamycin (1376 N)
Pharyngitis Group A streptococcal and guidelines for treatment (Kaplan 899 Com) (Steinhoff et al 918)
Phenprocoumon Tramadol interaction (Madsen et al 637 R) (Boejinga et al 1552 C) (Madsen et al 1552 C)
Phentermine Fenfluramine combination and FDA warning over valvular heart disease (Ault 189 N) (Ault 501 N)
Phenylbutyrate Thalassaemia major treatment (Olivieri et al 491 R)
Philippines Health benefits of tax on soft drinks and junk food (Wallerstein 1308 N); Leprosy treatment and closure of hospital questioned (Easton 347 N); Targeted by US tobacco industry (Easton and Wallerstein 126 N)
Phosphate In drinking water and bacterial growth (Morris 567 N)
Phosphorylation Mapping of signal transduction (Fishman 644 N)
Photodynamic therapy (Baillie and Jowell sIII 7)
Photophoresis Extracorporeal in cutaneous T-cell lymphoma (Dippel et al 32 R) (Russell-Jones et al 886 C) (Dippel et al 1776 C)
Phototherapy 308nm xenon chloride excimer laser in psoriasis (Bónis et al 1522 R); FDA approval for use in T1-stage non-small-cell lung cancer (1086 N); UVA-1, induction of interstitial collagenase in morphea fibroblasts (Gruss et al 1295 R)
Physical activity Sudden increases and degeneration of intervertebral discs due to (Adams and Dolan 734)
Physician-assisted suicide Debate in Canada (Kondro 1458 N); Favoured by Irish doctors (Birchard 723 N); US Supreme Court ruling against (Firshein 40 N)
Physicians Empathy and need to improve communications (Neuwirth 606 Com); Involvement in Rwandan genocide and rebuilding medical community (Geltman 64); MBA degrees for and reasons for increase (Kuo 828 Com); *See also* Doctors; General practitioners (GPs)
Phyto-oestrogens Breast cancer risk reduced by high intakes of equol and enterolactone (Messina et al 971 Com) (Ingram et al 990); Exposure of infants due to soy-based infant formulae (Setchell et al 23); In soy-based infant formula (Setchell et al 23) (Huggett et al 815 C)
Picotamide Reduction of ACE inhibitor-induced cough (Robinson et al 3 Com) (Malini et al 15) (Goldsmith 814 C) (Knox and Pang 814 C)
Picture archiving and communication systems (PACS) (Hynes et al 657)
Pigs C-type retroviruses in germline and xenotransplantation prospect thwarted (Mitchell 1148 N)
Pima Indians NIDDM incidence reduced by breast-feeding (Simmons 157 Com) (Pettitt et al 166) (Huang et al 889 C)
Pimagedine Trial halted by Hoechest Marion Roussel and need for moral responsibility for trials (155 E) (Viberti et al 214 C) (Langer 890 C) (Hopf 891 C)
Pindolol Fluoxetine with in depression (Isaac and Tome 288 C) (Bordet et al 289 C) (Terao 289 C)
Pioglitazone Insulin resistance reduced in Werner syndrome (Imano et al 1365 R)
Pituitary apoplexy Macroadenoma causing and presentation with acute headache (case report) (Embil et al 182)
Pituitary macroadenoma Pituitary apoplexy in and presentation with acute headache (case report) (Embil et al 182)
Placebo effects Homoeopathy meta-analysis (Vandenbroucke 824 Com) (Langman 825 Com) (Linde et al 834)
Placenta Vascular remodelling and trophoblast role (King and Loke 220 N)
Placenta praevia Posterior, umbilical cord prolapse in (Uchide et al 1448 R)
Placental growth factor Downregulation by placental hypoxia (Ahmed and Kilby 825 Com)
Placental insufficiency Hypoxia or hyperoxia in pathogenesis? (Ahmed and Kilby 825 Com)
Plague Discovery of bacillus causing by J A Lowson (Solomon 59); Multidrug-resistant in Madagascar (Bonn 788 N)
Plant science Development of new vaccines and (Katz 1769)
Plants Medicinal, melatonin in and need for biochemical characterisation (Murch et al 1598 R)
Plaque protein AMY117 in Alzheimer's disease brains (Larkin 36 N)
Plasmodium Importance of infections and tropical medicine supplement by *Lancet* (Cook 813 C); Mechanism of resistance to drugs and new drug design (O'Brien 192 N)
Plasmodium berghei Thrombospondin-related adhesive protein (TRAP) role in parasite motility (Spaccapelo et al 335 R)
Plasmodium falciparum Genome project (496 N)
***Plasmodium falciparum* malaria** Paracetamol effect on parasite clearance time (Brandts et al 704) (Kazembe 1776 C) (Kremsner et al 1776 C); Transmission and severity (D'Alessandro 362 C) (Moorthy and Wilkinson 362 C) (Fleming 363 C) (Soni and Sharp 363 C)
Plasmodium vivax Acute non-cardiogenic lung injury due to (Torres et al 31 r); Indigenous malaria case in Italy (Simini 717 N)
Platelet-receptor Inhibitors in unstable angina treatment (Husten 645 N)
Platelets Abnormalities in diabetics, effect of treatment on cardiovascular disease (Webster and Scott sI25); Glycoprotein IIIa polymorphism and increased risk of coronary stent thrombosis (Nurden 1189 Com) (Walter et al 1217); GP IIb/IIIa blockade, review of 1997 (Narins and Topol sIII 2); Transfusions in idiopathic thrombocytopenic purpura (Corrigan 602 Com) (Bolton-Maggs and Moon 620) (Davis and Raffles 1252 C) (O[*]zsoylu 1252 C)
Pleural effusion Dengue haemorrhagic fever presenting with (case report) (Laferi 1072)
***Pneumocystis carinii* pneumonia** Non-invasive diagnosis by PCR on oral washes (Helweg-Larsen et al 1363 R)
Pneumonia In children associated with rickets in Ethiopia and Zambia (Smyth and Broderick 811 C); *Haemophilus influenzae* type b (Hib), elimination by Hib vaccine use (Dominguez et al 222 C) (Melhus and Hemansson 222 C); *Pneumocystis carinii*, non-invasive diagnosis by PCR on oral washes (Helweg-Larsen et al 1363 R); In psittacosis (case report) (Chang and Veitch 1674)
Pneumothorax Spontaneous, clustering of cases and predictable mini-epidemics (Smit et al 1450 R)
Podiatry Review of developments in 1997 (Bligh and Rice sIII 21)

Poetry

A Case; and Waldweg (Adler/Bōse 1639)
Apnea: and The deep blue sea (Watts/Foster 966)
Between illness and recovery: and White forms (Watts/Ollivier 227)
Body count; and The Rock (Coulehan/Pockley 1561)
Company medical; and untitled painting (Gordon-Freeman/Hedgecoe 1259)
DNR; and Circle of life (Zack/Murray 300)
Doctor and patient; and Just to catch your flame (Zack/Foster 76)
Endoscopy; and Glass 2 (Ellis/Pennington 373)
Evening prayers in August: and Landscape (Charach/Hedgecoe 673)
Fingers (Nissenblatt 1408)
Grandpa; and Autumn 1993 (Kubota/Jaffé 1173)
Liver (Nissenblatt 1039)
My dentist hands me a mirror; and Viewfinder (Charach/Hedgecoe 894)
Naming the blue and Landfill (Charach/Hedgecoe 747)
Orphanage in Kyiv; and Forecast '96 (Pabst/Ollivier 821)
Ovum (Nissenblatt 1185)
Pain; and Dank (Bronson/Pockley 1714)
Post-op; and Thanatos (Zack/Borallessa 599)
Psychiatrist Listening; and A huge plane flew past (Cason/Bōse 1486)
Restrictive; and Voices within (Ellis/Foster 527)
Status: final; and Crystallise (Killie/Pockley 1333)
Stroke; and Beached (Ellis/Pockley 745)
Syphilis (Tapson 452)
Taking the history; and Blumen (Ellis/Bōse 1407)
The pounds of flesh; and Shine (Coulehan/Pockley 1865)
Touch; and Base (Davis/Ollivier 153)
Toxemia of pregnancy; and Around the hill (Ellis/Pockley 1110)
Vein (Nissenblatt 1785)
Without lungs (Tapson 1038)

Poland Anaesthetists on hunger strike (Durand de Bousingen and Geber 1377 N); Health-care system (Rogers 1760 N)
Police Brutality in US (Kirschner 1395); CS sprays, guidelines for use and safety concerns (Jones 605 Com)
Polidocanol Fibrin glue *vs* for bleeding peptic ulcers (Blackstone 679 Com) (Rutgeerts et al 692) (Albillos and Calleja 1397 C) (Gullarton and Galloway 1397 C) (Rugeerts et al 1398 C)
Poliomyelitis Eradication, progress in India (Kumar 196 N); Eradication programmes and low cost-effectiveness (Bosseyns 1783 C); Outbreak and progress towards eradication in Sudan after (Ali ElZein et al 715 R); Vaccination programme and omission of transient population in China (Nakano et al 1004 R); Vaccine, paralytic disease after presenting with encephalitis in infant with hypogammaglobulinaemia (case report) (Yeung et al 1594)
Pollution Methylmercury and development delay in children (Moore 1453 N); *See also* Air pollution
Polyarteritis nodosa Cause of fever of unknown origin (Arnow and Flaherty 579 S)
Polychlorinated biphenyls (PCBs) Non-Hodgkin's lymphoma association and nested case-control study (Rothman et al 240)
Polycystic ovary syndrome Origin in intrauterine life and role of fetal growth and gestation length (Cresswell et al 1131)
Polycythaemia Neonatal after third stage of labour underwater (Austin et al 1445 R)

Polymerase chain reaction (PCR) Cytomegalovirus detection (Goodrich and Khardori 1718 Com); False-positive HIV tests and distinguishing HIV vaccine response (Weber 230 Com) (Schwartz et al 256) (Johnston and Goudsmit 1108 C); Non-invasive diagnosis of *Pneumocystis carinii* pneumonia using oral washes (Helweg-Larsen et al 1363 R); Reverse-transcriptase, absence of Borna disease virus-specific RNA in psychiatric patients and unreliability of test (Lieb et al 1002 R); Sexually transmitted disease diagnosis (Dayan 1303 N)
Polymyalgia rheumatica (Salvarani et al 43 S); Clinical features/pathology/aetiology/diagnosis and treatment (Salvarani et al 43 S); Giant-cell arteritis association (Salvarani et al 43 S)
Polyneuropathy Familial amyloidotic, liver transplantation in Japanese with (Ando et al 593 C)
Poppy tea Seizure in baker after consumption (King et al 716 R) (1182 correction) (Trathen and Byers 1858 C) (Drummer et al 1859 C) (Nelson and Hung 1859 C) (Nowack 1859 C)
Population ageing India and concerns over (Kumar 271 N)
Population growth Global carrying capacity and need for controls in civil society (Loefler 523 N) (King 1255 C)
Porfimer sodium (Photofrin) FDA approval for use in T1-stage non-small-cell lung cancer (1086 N)
Porphyria Acute, metoclopramide for control of vomiting (Elder et al 1104 C) (Gorchein 1104 C)
Portal hypertension (Stanley and Hayes 1235 S); Pathophysiology and variceal haemorrhages (Stanley and Hayes 1235 S)
Porter, R (1410 L)
Positron emission tomography (PET) Brain activity assessment in hysterical paralysis (Larkin 568 N); Inflammatory bowel disease activity measurement (Bicik et al 262 R); Whole-body ^{18}F-fluorodeoxyglucose, cancer screening (Yasuda and Shohtsu 1819 R)
Post-mastectomy radiotherapy Benefits (Yarnold 1415 Com)
Post-operative anxiety Reduced by pre-operative calming of children (Larkin 1228 N)
Postmenopausal women Etidronate *vs* alendronate therapy for osteoporosis (Rosen 1340 Com); Hyperparathyroidism treatment with calcimimetic drugs (Moore 1605 N); Osteoporosis in and effect of parathyroid hormone on vertebral bone mass and fractures (Lindsay et al 550); Weight gain and risk of breast cancer (Bonn 1371 N); Wound healing accelerated by oestrogen (McCarthy 1301 N)
Postoperative pain Phantom limb pain, prevention by epidural bupivacaine and morphine (Katz 1338 Com) (Nikolajsen et al 1353
Postural hypotension Raising arms as therapeutic measure (Simini and Fritz-Simini 744 C)
Potassium Rise with low-molecular-weight heparin (Wong and Kay 664 C); Serum levels and effect of low-molecular weight heparin (Wiggam and Beringer 292 C)
Poverty "Bottom-up" approach to health care in urban areas (Rowe 942 N); Inequalities tackled by UK Labour Government (Dean 571 N); Reduction as World Bank's strategy (Buse et al 1494 Com)
Poynard, T (674 L)
Pradamicins New antifungal agents (Bonn 870 N)
Prader-Willi syndrome Neuronally-expressed necdin gene as imprinted candidate gene (Sutcliffe et al 1520 R)
Prandin (repaglinide) FDA approval for use in NIDDM (1760 N)
Pre-eclampsia Activin A and inhibin A as markers (372 correction); Decreased circulating adrenomedullin levels (Hata et al 1600 R); Magnesium sulphate use and increased neonatal mortality (Bennett and Edwards 1491 Com) (Mittendorf et al 1517 R); Prevention by ketanserin with aspirin (trial) (Steyn and Odendaal 1267)
Pre-operative preparation Calming of children to reduce post-operative anxiety (Larkin 1228 N)
Precocious puberty Indications for investigations (Elders et al 457 Com)
Prednisolone In early combined treatment of rheumatoid arthritis (COBRA trial) (Emery 304 Com) (Boers et al 309); Mycophenolate mofetil with in treatment of pemphigus vulgaris (Enk and Knop 494 R)
Pregnancy Adapalene gel use and anophthalmia and agenesis of optic chiasma due to (Autret et al 339 R); Autoantibody-linked loss and mechanisms (Moore 269 N); Bacterial vaginosis (Dayan 1303 N); Canadian ruling on rights of fetus (Kondro 1377 N); Early, ACE inhibitor use and no adverse effects (Lip et al 1446 R); Early recurrent loss associated with genetic risk factor (MTHFR mutation) (Nelen et al 861 R); Exercise to reduce risk of gestational diabetes (Bonn 1685 N); Folic acid use in Netherlands (1372 N); Intelligence of infant affected by environment of womb (Larkin 342 N); Magnetic resonance pelvimetry in breech presentation (trial) (Walkinshaw 1791 Com) (van Loon 1799); Methimazole use for hyperthyroidism and fetal malformations after (Johnsson et al 1520 R); Methylmercury exposure and development delay in children (Moore 1453 N); Mortality *see* Mortality, maternal; No evidence of risk of poor outcome after breast cancer treatment (Kroman e tal 319); Placental vascular remodelling (King and Loke 220 N); Pre-eclampsia prevention by ketanserin with aspirin therapy (trial) (Steyn and Odendaal 1267); Safety of tretinoin in first-trimester (cohort study) (Shapiro et al 1143 R); Screening for familial vesicoureteric reflux (Verrier Jones 380 Com) (Scott et al 396) (Blumenthal 1030 C) (Matthews 1031 C) (Scott et al 1031 C); Smoking associated with conduct disorders in boys (Moore 190 N); Tamoxifen in and ambiguous genitalia in infant (Tewari et al 183 R); Termination, Islamic view (El-Hashemite 223 C) (Salihu 1035 C); Tubal, systemic methotrexate *vs* laparoscopic salpingostomy (trial) (Hajenius et al 774) (Watermeyer and Penketh 1554 C) (Fernandez 1555 C) (Hajenius et al 1555 C) (Hart and Magos 1555 C) (Simone et al 1556 C)
Preimplantation diagnosis Of genetic disorders and Islamic view (El-Hashemite 223 C) (Salihu 1035 C)
Premature infants Intensive care units and recommendations for reduced noise and light (Moore 1826 N); MRI of brain (Evans et al 522 C); Small for gestational age infants at greater disadvantage (Lagercrantz 1044 Com); *See also* Preterm birth
Prematurity Retinopathy of (Gilbert et al 12)
Premenstrual dysphoric disorder Sertraline therapy (Larkin 935 N)
Prenatal diagnosis Genetic disorders and Islamic view (El-Hashemite 223 C) (Salihu 1035 C); HIV infections, recommendations in Europe (Hudson and Sherr 1783 C); Non-invasive based on fetal DNA in maternal plasma/serum Lo et al 485)
Prescribing Combined oral contraceptives and need for competency certificate (Price 450 C); Financial reward to Italian doctors for reduced prescribing (Simini 1232 N); By "postcode" in UK and rationing issue to reduce drugs bill (Dean 1305 N); Spanish system changes (Bastida and Mossialos 679); Unnecessary use of antibiotics and NSAIDs in US (Bonn 869 N)
Presenilin-1 VLDL-R associations in early-onset Alzheimer's disease (Brookes et al 336 R) (Singleton et al 958 C) (Korovaitseva et al 959 C)
Presenilin-II VLDL-R associations in early-onset Alzheimer's disease (Brookes et al 336 R) (Singleton et al 958 C) (Korovaitseva et al 959 C)
Preterm birth COX-2 selective NSAIDs in prevention of (Sawdy et al 265 R); Social class as risk factor (Wildschut and Golding 148 C); Vaginal colonisation with *Escherichia coli* link, premature concerns over (Pearlman and Faix 531 Com); *See also* Premature infants
Preterm labour Magnesium sulphate use but increased neonatal mortality (Bennett and Edwards 1491 Com) (Mittendorf et al 1517 R); Management by calcium antagonists (Lockwood 1339 Com)
Primary biliary cirrhosis (Neuberger 875 S); Methotrexate treatment and search for new therapeutic agents (LaRusso 1046 Com); Prevalence/features/diagnosis/pathogenesis/treatment and prognosis (Neuberger 875 S)
Primary care Comparison of non-directive psychotherapy with routine GP care (Tylee 1643 Com) (Friedli et al 1662); Heart failure prediction by natriuretic peptide levels (Cowie et al 1349)
Primary nocturnal enuresis Genetics and management (Super and Postlethwaite 159 Com)
Primary prevention project In Italy and effect of education on cardiovascular risk (Roncaglioni et al 1557 C)
Prime Care Evaluation of Mental Disorders (PRIME-MD) Telephone interview for diagnosis of psychiatric disorders (Larkin 869 N)
PRIME II trial Ibopamine in congestive heart failure (Girbes and Zijlstra 147 C) (Massel 147 C) (Hampton et al 148 C)
Prion diseases As conformational disease (Carrell and Lomas 134); *See also* Bovine spongiform encephalopathy (BSE); Creutzfeldt-Jakob disease (CJD)
Prion proteins (Carrell and Lomas 134); B cells as possible carriers for PrP^{Sc} (Bradbury 1827 N); Hsp104 interaction and conformational change (Wunsch 1372 N); New variant CJD comparison with kuru neuropathology (Lantos et al 187 R); New variant CJD Prp^{res} glycoform similar to BSE Prp^{res} (McConnell 120 N); *PrP* gene sequence homology between mule deer and Rocky Mountain elk (Cervenáková et al 219 C); Prp^{res}, monoclonal antibodies (15B3 and 6H4) developed (Moore 1373 N); Receptor candidates isolated (Bradbury 1603 N); Site of replication and transport to brain (Bradbury 718 N); Transmission patterns in mice and evidence for BSE link to nvCJD (Bradbury 1007 N); In UK farmers with CJD (Hill et al 188 R)
Prions Evolution and CJD diagnostic criteria warning (McCarthy 120 N); Nobel Prize awarded for discovery (Prusiner, S) (Bonn and Ault 1079 N); Post-exposure prophylaxis after accidental inoculation (Aguzzi and Collinge 1519 R)
Prisoners Executed, prospects of organs for sale in China (Chelala 1307 N)
Prisons Prevalence of tuberculosis in Malawi (Nyangulu et al 1284)
Private care Revision of doctors' private contracts with Medicare patients in US (Rovner 1378 N)
Private finance initiative (PFI) Hospital building programme in UK (Dean 123 N) (Pollock 125 N)
Procalcitonin Adrenocortical failure diagnosis (Hatherill et al 1749 R)
Prodrug systems In genetic therapy (Martin et al 1793 Com)
Progest cream Conventional HRT comparison in trial (Szarewski 37 N)
Progesterone Natural cream formulation *vs* conventional HRT (Szarewski 37 N); Withdrawal theory of parturition (Schwartz 1792 Com)
Progressive multifocal leucoencephalopathy Camptothecin efficacy (O'Reilly 291 C) (Vollmer-Haase et al 291 C)
ProMED-mail Infectious disease outbreak reporting (Mitchell 1610 N)
Prone position Ventilation in acute lung injury and (Sandham sIII 3) (Gattinoni et al 815 C) (Lavender and Peters 1177 C)
Propionibacterium acnes Antibiotic resistance and spread from acne patients to contacts (Bolognia and Edelson 972 Com)
Prostacyclin analogue Epoprostenol for primary pulmonary hypertension (Bonn 417 N); Orally active analogue in primary pulmonary hypertension (1406 correction)
Prostatic cancer Diagnosis and management (Chodak 592 C); Liarozole fumarate rejected by FDA (125 N); Watchful waiting *vs* drug therapy for benign prostatic hyperplasia (Neal 305 Com)
Prostatic hyperplasia, benign Watchful waiting *vs* drug therapy (Neal 305 Com)
Prostitutes Rights in India (Kumar 1527 N)
Protease inhibitors (Volberding sIII 10); Benign symmetric lipomatosis association (Hengel et al 1596 R); Hyperglycaemia association (Dubé et al 713 R); Indinavir in CSF of HIV-1-infected patients (Stähle et al 1823 R); Serpin family (Carrell and Lomas 134)
Protein C (Duncan 1565 Com); Deficiency in severe meningococcaemia and use of protein C concentrate therapy (Duncan 1565 Com) (Smith et al 1590)
Proteins β-sheet linkages (Carrell and Lomas 136); Dietary restrictions and progression of chronic renal failure in children (Locatelli 145 C) (Ledermann et al 146 C) (Nonoguchi et al 146 C); Unfolding/aggregation in conformational diseases (Carrell and Lomas 134); *See also* Prion proteins
Proteinuria In psittacosis (case report) (Chang and Veitch 1674)
Protocol reviews Clinical trials published in *The Lancet* (McNamee 6 Com)
Prusiner, S Nobel prize awarded for prion discovery (Bonn and Ault 1079 N)
Pseudoaneurysm Formation in chronic pancreatitis (Mergener and Baillie 1384 S)
Pseudolymphoma Clonidine patch site (Shelley and Shelley 1223 R)
Pseudomonas Genome project website (Larkin 1454 N)
Psion computer Logistic regression analysis of breast cancer and *BRCA1* mutation (Vaidya and Baum 1784 C)
Psittacosis Glomerulonephritis secondary to and presentation with haematuria and proteinuria (case report) (Chang and Veitch 1674)
Psoriasis (Stern 349 S); 308nm xenon chloride excimer laser therapy (Bónis et al 1522 R); Differential diagnosis, clinical subtypes, associated diseases and management (Stern 349 S); Lithium in spring water causing flare-up (Hanada et al 1522 R)
Psychiatric assessments Urgency in hunger strikers (Birchard 648 N)
Psychiatric disorders Absence of Borna disease virus-specific RNA (Lieb et al 1002 R); Abuse of informed consent regulations in US over drug trials with patients (Greenberg 1083 N); Arteriovenous malformation of left frontal lobe associated with stalking and erotomania (case report) (Farnham et al 710) (Phillips 1036 C); Brain injury at birth linked (Dawson 936 N); Diagnosis by telephone interview with computer (Larkin 869 N); *See also* Mental illness
Psychiatric features New variant CJD (Zeidler et al

903) (Zeidler et al 908)
Psychiatric hospital Delayed discharge of patients and Court award (UK) (Rogers 1306 N)
Psychiatrist Bogus, in New Zealand (Bonn 794 N)
Psychiatry Drug supplies for needy patients from drug representatives (Lewin-Fetter 1784 C); Review of developments in 1997 (Flaum and Andreasen sIII 22)
Psychological abuse Scepticism over proposed law in Israel (Fishman 572 N)
Psychological injury After organophosphate exposure (Brahams 1457 N)
Psychologists Scepticism over proposed law on abuse in Israel (Fishman 572 N)
Psychopathology Irritable bowel syndrome (Maxwell et al 1692 S)
Psychosocial rehabilitation After myocardial infarction (Irving 457 Com) (Frasure-Smith et al 473) (Lewin et al 1400 C) (McGee and Horgan 1400 C) (Frasure-Smith and Lespérance 1401 C)
Psychotherapy Non-directive, comparison with routine GP care (Tylee 1643 Com) (Friedli et al 1662)
Psychotrauma programmes In refugee camps (Van Ommeren et al 595 C)
Psychotropic analgesic nitrous oxide (PAN) therapy In alcohol withdrawal syndrome (Gillman and Lictigfeld 737 C)
Public Perception of risks of disease/vaccines and effect on vaccine use/development (Levine and Levine 1386); Understanding of biomedical advances in UK (Radford 55)
Public health Consequences of global warming and debate over predictions (McCurry 1825 N) (Morris 1825 N); Improvements from global-climate policies on fossil-fuel combustion (Working Group on Public Health and Fossil-Fuel Combustion 1341); Influence on vaccine development and use (Levine and Levine 1386); Iodised rapeseed oil for eradication of severe endemic goitre (Ingenbleek et al 1542); Restoration to epidemiology and less emphasis on molecular epidemiology (229 E) (Perry 1256 C); Review of developments in 1997 (Mann sIII 23); Salt intake and hypertension (Whalley 1686 N); Syphilis epidemics in Russian Federation (Tichonova et al 210) (Waugh 595 C) (Battu et al 1100 C); Syphilis outbreak in Bristol (UK) (Battu et al 1100 C); Tobacco industry expansion despite compensation deal and increase in smoking-related deaths (303 E) (Broughton 890 C) (Gray and Boyle 890 C); UK (Khaw 53)
Public house (London) John Snow connection (Raju 1863)
Pulmonary haemorrhage Behçet's disease presenting with (case report) (Buchanan et al 28)
Pulmonary hypertension Methaemoglobinaemia after inhalation of nitric oxide in infant (Nakajima et al 1002 R); Orally active prostacyclin analogue (1406 correction); Primary, epoprostenol for (Bonn 417 N)
Pulse pressure Coronary mortality prediction (Bradbury 1753 N)
Pulse wave velocity Assessment in cardiovascular disease in diabetics (Lehmann et al sI15)
Purpura Autoimmune (idiopathic) thrombocytopenic *see* Idiopathic thrombocytopenic purpura (ITP); Henoch Schönlein *see* Henoch Schönlein purpura; Thrombotic thrombocytopenic, *Bartonella*-like erythrocyte inclusions (Tarantolo et al 1602 R)
Purpura fulminans Meningococcus-induced, protein C concentrate, heparin and haemodiafiltration in (Duncan 1565 Com) (Smith et al 1590)
PURSUIT trial Platelet-receptor inhibitors in unstable angina (Narins and Topol sIII 2) (Husten 645 N)
Pyoderma gangrenosum Diagnosis and mycophenolate mofetil and cyclosporin treatment (Powell et al 1720 Com) (Hohenieutner et al 1748 R); Presentation with pustules and bacteraemia (case report) (Liu et al 860)
Pyrexia of unknown origin (PUO) (Arnow and Flaherty 575 S); Microscopic haematuria as diagnostic aid for giant-cell arteritis (Manna et al 1226 R)

Q

Qhreshi, B (454 L)
QT dispersion Rate-corrected (QTc), insulin association (Watanabe et al 1821 R)
QT interval Terfenadine-induced prolongation (Rankin 1115 Com) (Dearlove and Wesson 1857 C)
Quadriplegia Implanted device to stimulate hand muscles approved by FDA (724 N)
Quality control Essential drugs and WHO (601 E) (Arya 1106 C) (Lauridsen 1106 C) (Quick and Bremer 1106 C) (Dunne 1712 C)
Quality of life Elderly people living in community in Japan (Matsubayashi et al 1521 R); Generalisation from phase III clinical trials (Fayers and Hand 1025) (Kernick 1781 C) (Thompson and Barber 1781 C); Impact of adjuvant therapy in breast cancer (298 correction)
QUORUM group (Quality of Reporting of Meta-analyses) Meta-analysis reporting (675 E)

R

R-568 (calcimimetic drug) Hyperparathyroidism management (Moore 1605 N)
Rabies Prophylaxis after bat bites and puncture wounds (Feder et al 1300 R) (Debbie and Trimarchi 1790 Com); Prophylaxis for suspected exposure to bats (Debbie and Trimarchi 1790 Com)
Racial factors Differences between RhD-negative Africans and RhD-negative Europeans (Daniels et al 862 R); Hypertension in African-Americans and strict blood pressure control needed (MDRD Group Study) (Macready 787 N); *See also* Ethnic minority
Radiation Compensation for exposure in apartments in Taiwan (Kau 1232 N); Dose received by family members of ^{131}I-treated patients with thyroid cancer (Mathieu et al 1074 R); *See also* Gamma-radiation
Radiographers Changing work patterns (Chapman 581)
Radioiodine Non-toxic diffuse goitre treatment (Hegedüs and Bennedbaek 409 R)
Radiological dye Prepared from plasma from blood donor with nvCJD (Birchard 1830 N)
Radiological sciences History and current issues (Lentle and Aldrich 280); *See also* Imaging, Issues (series)
Radiologists Changing work patterns (Chapman 581); Suspension for failure to diagnose breast cancer (UK) (Baum 810 C)
Radiology Distance and filmless methods (Hynes et al 657); Evidence-based diagnostic (Dixon 509); Future prospects and research (Hillman 731); Interventional (Thomson 354); *See also* Imaging, Issues (series)
Radiosurgery Meningioma treatment (Macready 1372 N)
Radiotherapy In colorectal cancer and long-term colorectal function after (Lundby et al 564 R); Conventional *vs* CHART in non-small-cell lung cancer (Vokes 156 com) (Saunders et al 161) (Papac 888 C) (Würschmidt and Heilmann 888 C); Localised, after mastectomy and improved survival (McNamee 867 N); For nasal congestion in sarcoidosis (Douds et al 786 R); Post-mastectomy and survival improvements (Yarnold 1415 Com); Protection from cutaneous hypersensitivity by (Cowie and Junor 566 R); Radical surgery *vs* in stage Ib-IIa cervical cancer (Soutter 532 Com) (Landoni et al 535) (Harrington and Thomas 1179 C) (Millar 1179 C); Second cancer risk in children after (Kony et al 91) (Bhatia et al 888 C); *See also* Total lymphoid irradiation
Raloxifene FDA approval for use in osteoporosis prevention (1760 N); As selective oestrogen receptor modulator(SERM), benefits (Compston 676 Com)
Ramipril For heart failure after myocardial infarction, follow-up of AIRE study (AIREX) (Tognoni and Franzosi 366 C) (Dunkley and Hodgson 367 C) (Hall et al 367 C); In non-diabetic renal failure (REIN study) (Krämer and Schweda 736 C) (Porter 736 C) (Ruggenenti et al 736 C) (Tripathi 1102 C)
Randomised controlled trials (RCT) ABOVE trial, efficacy of sclerotherapy in acute variceal bleeding improved by early somatostatin (Avgerinos et al 1495); AIREX study (follow-up of AIRE study) on ramipril for heart failure in myocardial infarction (Tognoni and Franzosi 366 C) (Dunkley and Hodgson 367 C) (Hall et al 367 C); Angioplasty *vs* bypass surgery in diabetics (BARI trial) (Husten 1147 N); Atrial *vs* ventricular pacing for sick-sinus syndrome (Andersen et al 1210) (Gibbs et al 1780 C); Basiliximab to prevent acute cellular rejection after renal transplantation (Nashan et al 1193) (1484 correction); CA2 monoclonal antibody for Crohn's disease (1148 N); CAPTURE and abciximab during coronary interventions in unstable angina (Umans et al 445 C) (744 correction); Chronotherapy with oxaliplatin/fluorouracil/folinic acid in metastatic colorectal cancer (Lévi et al 681) (Sandor 1325 C) (Lévi et al 1326 C); COBRA trial of early rheumatoid arthritis treatment *see* COBRA trial; Community-level intervention for HIV prevention among homosexual men (Kelly et al 1500); Continuous combined HRT *vs* sequential HRT (Szarewski 37 N); Conventional radiotherapy *vs* CHART in non-small-cell lung cancer (Vokes 156 com) (Saunders et al 161) (Papac 888 C) (Würschmidt and Heilmann 888 C); Efficacy and safety of oral ganciclovir in CMV disease prevention in liver transplant recipients (Goodrich and Khardori 1718 Com) (Gane et al 1729); Eradication of *H pylori* before NSAIDs in prevention of peptic ulcers (Chan et al 975) (Savarino et al 1556 C); Fibrin glue *vs* polidocanol for bleeding peptic ulcers (Blackstone 679 Com) (Rutgeerts et al 692) (Albillos and Calleja 1397 C) (Gullarton and Galloway 1397 C) (Rugeerts et al 1398 C); Granulocyte-colony stimulating factor in diabetic foot infection (Gough et al 855); GREAT, prehospital thrombolysis to reduce mortality (Husten 1301 N); HRT *vs* Progest cream (Szarewski 37 N); IGF-1 (human recombinant) with insulin therapy to reduce complications in IDDM in adolescents (Møller and Ørskov 1188 Com) (Acerini et al 1199) (Mitchell 1606 N); Informed consent for infant/neonatal trials (Mason et al 1416 Com); Inhaled sodium cromoglycate in young children with moderate asthma (Tasche et al 1060); Iron supplementation and malaria chemoprophylaxis in anaemia/malaria prevention in Tanzania (Menendez et al 844) (Baird and Hoffman 1855 C) (D'Alessandro 1855 C) (Menendez and Alonso 1856 C); Ivermectin and albendazole alone *vs* combined for *Wuchereria bancrofti* microfilaraemia (Addiss et al 480) (1036 correction); Ketanserin and aspirin in prevention of pre-eclampsia (Steyn and Odendaal 1267); Language bias in trials published in English and German (Egger et al 326); Low-dose warfarin with low-dose aspirin *vs* aspirin only after myocardial infarction (CARS trial) (Coumadin Aspirin Reinfarction Study (CARS) Investigators 389) (Peverill et al 1177 C); MAGIC, magnesium in in-hospital cardiac arrest (Thel et al 1272); Magnesium sulphate use in preterm labour and increased neonatal mortality (Bennett and Edwards 1491 Com) (Mittendorf et al 1517 R); Magnetic resonance pelvimetry in breech presentation at term (Walkinshaw 1791 Com) (van Loon 1799); Meta-analyses discrepancies with (Davey Smith and Egger 1182 C); National Surgical Adjuvant Breast and Bowel Project B-18 trial on pre-operative chemotherapy in breast cancer (Bonn 35 N); Non-directive psychotherapy *vs* routine GP care (Tylee 1643 Com) (Friedli et al 1662); Oral morphine for sickle-cell disease pain in children (Jacobson et al 1358); Parathyroid hormone effect on vertebral bone mass and fracture in postmenopausal women on oestrogen (Lindsay et al 550); Pertussis vaccines (two-component/three-component/five-component acellular *vs* whole-cell) (Poland 1564 Com) (Olin et al 1569); Phantom limb pain prevention with epidural bupivacaine and morphine (Katz 1338 Com) (Nikolajsen et al 1353; Phase III and generalisations on survival and quality of life from (Fayers and Hand 1025) (Kernick 1781 C) (Thompson and Barber 1781 C); Pimagedine trial halted by Hoechst Marion Roussel (155 E) (Viberti et al 214 C) (Langer 890 C) (Hopf 891 C); Placebo-controlled homoeopathy trials and meta-analysis concerns (Vandenbroucke 824 Com) (Langman 825 Com) (Linde et al 834); PRIME II *see* PRIME II trial; Psychosocial nursing intervention after myocardial infarction (Irving 457 Com) (Frasure-Smith et al 473) (Lewin et al 1400 C) (McGee and Horgan 1400 C) (Frasure-Smith and Lespérance 1401 C); PTCA *vs* medical therapy in angina (RITA-2 trial participants 461); Radiotherapy *vs* radical surgery in stage Ib-IIa cervical cancer (Soutter 532 Com) (Landoni et al 535) (Harrington and Thomas 1179 C) (Millar 1179 C); Registration of unreported trials and Medical Editors Trial Amnesty (Horton 756 Com) (Tiner 1329 C); Rhesus-human reassortant rotavirus vaccine in prevention of gastroenteritis (Joensuu et al 1205); Risk of fetal loss with early amniocentesis *vs* chorionic villus sampling (Sundberg et al 697) (Eiben et al 1253 C) (Gurwitz 1254 C); Roxithromycin treatment of non-Q-wave coronary syndromes *see* ROXIS pilot study; Salt restriction in elderly *see* Elderly; Simplified *vs* complex chemotherapy schedules for osteosarcoma and effect on outcome (Blum 900 Com) (Souhami et al 911); SSRI (fluoxetine) with pindolol in depression (Isaac and Tome 288 C) (Bordet et al 289 C) (Terao 289 C); Stroke trials *see* CAST trial; IST trial; Systemic methotrexate *vs* laparoscopic salpingostomy in tubal pregnancy (Hajenius et al 774) (Watermeyer and Penketh 1554 C) (Fernandez 1555 C) (Hajenius et al 1555 C) (Hart and Magos 1555 C) (Simone et al 1556 C); Systolic hypertension in Europe (Syst-Eur) trial of placebo *vs* active treatment in older patients *see* Syst-Eur trial; Termination of magnesium sulphate trial in preterm labour (Bennett and Edwards 1491 Com) (Mittendorf et al 1517 R); *See also* Clinical trials
Randomised intervention Treatment of Angina (RITA-2) *see* RITA-2 study
Ransome-Kuti, B. Update on health status (Reiner 586)
Rape Abortion for adolescent Irish girl in UK (Birchard 1688 N)
Rape, oilseed Allergy to emissions/particles (Antó 458 Com)
Rapeseed oil Iodised, for eradication of endemic goitre (Ingenbleek et al 1542)
RAPPORT trial Abciximab in acute myocardial infarc-

tion (Husten 645 N)
Rash Cutaneous hypersensitivity causing and protection from by irradiation (Cowie and Junor 566 R)
Rasmussen's syndrome Hemispherectomy of benefit (Larkin 417 N)
Rationing of health care *see under* Health care
Raynaud's phenomenon Transdermal delivery of nitric oxide and S-nitrosothio-acetylglucose (SNAG) therapy (Khan et al 410 R)
Reboxetine First trial results (Magee 36 N)
Rectal cancer Long-term colorectal function after postoperative radiotherapy (Lundby et al 564 R)
Red Cross Canada *see* Canadian Red Cross
5α-Reductase inhibitors In benign prostatic hyperplasia (Neal 305 Com)
Reference points Clinical trial interpretations (Asch and Hershey 1393)
Reflex sympathetic dystrophy (RSD) Bisphosphonates for pain relief (Schott 1117 Com)
Refugees Health impact of human rights violations in Haitians (Fawzi et al 371 C); Irish Court ruling on EU law for asylum seekers (Birchard 832 N); Malaria outbreak in Tanzania (Crowe 41 N) (Carlstedt 1180 C); Trauma counselling (Van Ommeren et al 595 C); UN warning over Gaza (McGregor 650 N); Violence against Rwandan refugees (Nabeth et al 1635 C)
REIN study Ramipril in non-diabetic renal failure (Krämer and Schweda 736 C) (Porter 736 C) (Ruggenenti et al 736 C) (Tripathi 1102 C)
Relaxin Fetal wound-healing and scleroderma treatment trials (Fishman 570 N)
Rembrandt Van Rijn Self-portrait and medical evaluation (Espinel 1835)
Renal artery Occlusion and presentation with lightheaded spells and hypertension (case report) (Kudva and Young 1140)
Renal cell carcinoma Cause of fever of unknown origin (Arnow and Flaherty 579 S); Detection of gene deletions in single metastatic tumour cells by FISH (Pack et al 164 R) (Caldas 231 Com) (Anderson 962 C) (Baum and Vaidya 962 C); Von Hippel-Lindau (VHL) protein and genes in (Larkin 1756 N)
Renal disease Chronic, impaired odour perception in (Reaich 1191 Com); Endothelins role and indications for endothelin antagonists (Hendry and James 381 Com); Pimagedine trial halted by Hoechst Marion Roussel (155 E) (Viberti et al 214 C) (Langer 890 C) (Hopf 891 C)
Renal failure Chronic, low-protein diet and progression of (Locatelli 145 C); End-stage prevention by ACE inhibitors in non-diabetics (meta-analysis) (Bradbury 787 N); Endothelins role and indications for endothelin antagonists (Hendry and James 381 Com); In hypertensive African-Americans and need for strict blood pressure control (MDRD Study Group) (Macready 787 N); Israeli court intervention over dialysis case (Fishman 874 N); Non-diabetic and ramipril in (REIN study) (Krämer and Schweda 736 C) (Porter 736 C) (Ruggenenti et al 736 C)
Renal function Abnormal, false-positive screening for Down's syndrome (Cararach et al 1295 R)
Renal transplantation Acute cellular rejection prevention by basiliximab in placebo-controlled trial (Nashan et al 1193) (1484 correction); False-positive screening for Down's syndrome after (Cararach et al 1295 R); Peanut allergy transferred to recipient (937 N); Rejection prevention by anti-IL-2 antibodies (1376 N); T-cell-associated rejection prevention/reversal by CTLA4-Ig and 5C8 (Ault 497 N)
Repaglinide (Prandin) FDA approval for use in NIDDM (1760 N)
Reperfusion therapy In acute myocardial infarction and value of 12-lead ECG (van't Hof et al 615)
Reproductive rights Women denied rights in African countries (Crowe 722 N)
Research Funding increase advocated by politicians in US (Greenberg 1375 N); Health services, criticisms (Grewal 523 C) (O'Dwyer 523 C); PACE (population-adjusted clinical epidemiology) use in (Engels and Spitz 677 Com); Radiology (Hillman 731); On reducing disability in elderly in FP5 programme modification (1261 E) (Evans 1779 C); *See also* Biomedical research; Medical research
Resiniferatoxin Intravesical, suppression of bladder hyperreflexia (Cruz et al 640 R)
Respiratory diseases Cold exposure and winter mortality in Europe (MacKenzie 590 C) (Bobak 591 C) (Keatinge and Donaldson 591 C) (Mather et al 591 C); Interferon-γ for (Smith-Jones et al 524 C); *See also* Lung
Respiratory failure In Lemierre syndrome (case report) (Vohra et al 928)
Respiratory medicine Review of developments in 1997 (Britton and Knox sIII 24)
Respiratory symptoms Increased airway responsiveness predictive of development and remission in COPD (Xu et al 1431); Oilseed rape emissions causing (Antó 458 Com)
Respiratory tract infection Confusion over colour of nasal discharge and inappropriate antibiotic prescribing (Mainous III et al 1077 R)
Restenosis ,-radiation therapy (Husten 1009 N); Previous CMV or *Chlamydia pneumoniae* infections associated (Carlsson et al 1225 R)
Reteplase Alteplase survival results similar to in GUSTO III study (Bonn 1229 N)
Retinal infiltrates In Behçet's disease and response to interferon-α (Grimbacher et al 1818)
Retinal microaneurysms In diabetics (Klein and Klein 197 S)
Retinaldehyde Metabolism and effect of disulfiram metabolite (Lipsky et al 1176 C)
Retinitis CMV *see under* Cytomegalovirus (CMV)
Retinopathy Diabetic *see* Diabetic retinopathy; Of prematurity in middle-income countries (Gilbert et al 12)
Retroviruses C-type in pigs and xenotransplantation prospects thwarted (Mitchell 1148 N); Implicated in pathogenesis of IDDM (Morris 341 N)
Review Series Conformational disease (Carrell and Lomas 134); Lothian Surgical Audit (Aitken et al 800); Rupture of silicone-gel breast implants (Brown et al 1531)
Rezulin *see* Troglitazone
RhD-negative women Differences between Africans and Europeans (Daniels et al 862 R)
Rhesus factor Racial differences between RhD-negative Africans and Europeans (Daniels et al 862 R)
Rheumatic fever Prevention by treatment of group A streptococcal pharyngitis (Kaplan 899 Com) (Steinhoff et al 918)
Rheumatoid arthritis Autologous bone-marrow transplantation (Joske 337 R) (818 correction); Gene therapy and monoclonal antibody therapy (conference) (Isaacs 1524 N); Minocycline therapy (Frankel 1524 N); Search for genes determining susceptibility (788 N); Treatment with early intensive combined therapy not curative but benefits over sulphasalazine-only therapy (COBRA trial) (Emery 304 Com) (Boers et al 309); Use of total lymphoid irradiation not justified (Rackoff and Feldman 752 Com)
Rhinitis CSF rhinorrhoea *vs* (case report) (Prior and Kenyon 634)
Rhinorrhoea CSF (case report) (Prior and Kenyon 634)
Ribonuclease In hCG preparation and effect on Kaposi's sarcoma (Morris 1755 N)
Rickets Childhood pneumonia association in Ethiopia and Zambia (Smyth and Broderick 811 C)
Rickettsia slovaca Lymphadenopathy possibly due to (Lakos 1006 R); Tick-transmitted disease due to (Raoult et al 112 R) (Guiserix 596 C)
Rigor mortis Absence in Indian childhood cirrhosis (298 correction)
Rimington, S. Chairman of Institute of Cancer Research (940 N)
Risk Estimation and perception by elderly (Patterson and Rosenthal 1164); Need for improved communication on common diseases and mortality in women and media role (1563 E)
Risk factor analysis Epidemiology to identify causes of diseases not mechanisms (229 E) (Perry 1256 C)
Risperidone Lower doses better than higher doses (Larkin 1827 N)
RITA-2 study PTCA *vs* medical therapy in angina (RITA-2 trial participants 461)
Ritodrine Nifedipine *vs* in management of preterm labour (Sawdy et al 265 R)
Rituximab Non-Hodgkin's lymphoma treatment (Ault 416 N)
Rivers, W H R Portrait of a great physician in *Regeneration* trilogy (Nickerson and Shea 205)
Road traffic accidents Death rate in Arab Gulf states greater than in US (Kandela 126 N)
Robinson, M. Resignation as Irish President and new position as UN High Commissioner on Human Rights (Birchard 347 N) (Birchard 500 N)
Roche Diagnostic Systems FDA approval sought for home test to detect drug abuse in children (1086 N)
Rocky Mountain elk High sequence homology of *PrP* gene in mule deer and (Červeňáková et al 219 C)
Romans Doctor's instrument set found (Morris 191 N) (Jackson 1471)
Romozin *see* Troglitazone
Ross, R. Centenary of discovery of malarial parasite (Kumar 644 N)
Rotavirus Rhesus-human reassortant vaccine in prevention of gastroenteritis (trial) (Joensuu et al 1205); Vaccines (Vesikari 1538)
ROXIS pilot study Roxithromycin treatment of non-Q-wave coronary syndromes (Lip and Beevers 378 Com) (Gurfinkel et al 404) (Anestad et al 1028 C) (Marchioli et al 1028 C) (Gurfinkel and Mautner 1029 C) (Vaughan 1029 C) (Constans et al 1030 C) (Halliwell 1030 C)
Roxithromycin Coronary artery disease treatment and eradication of *C pneumoniae* *see* ROXIS pilot study
Royal College of Paediatrics and Child Health Recommendations on withholding/withdrawal of curative treatment (1014 N)
Royal Colleges Medical training reforms and implications (Barber 974 Com) (Alberti and London 1850 C) (Allison et al 1850 C) (Goodman 1850 C) (Alexander 1851 C) (Elkeles 1851 C) (Hobbs 1851 C) (Calman 1852 C) (Daggett 1852 C)
Royal Institute of British Architects Award for Maggie Keswick Jencks Cancer Centre (1638)
Rubella Vaccination, arthritis and joint/neurological disorders not linked (Larkin 569 N)
Rue, R (78 L)
Russia Cause-specific and age-specific mortality (Kromhout et al 379 Com) (Leon et al 383); Changes in mortality rates for 1984-1994 and possible alcohol consumption involvement (Kromhout et al 379 Com) (Leon et al 383) (Cleophas and van der Meulen 956 C) (Haaga and Mitchell 956 C) (Powles and Day 956 C); Haemorrhagic fever with renal syndrome (HFRS) outbreak and viruses associated (Lundkvist et al 781 R); Tuberculosis (Wares and Clowes 957 C); Western TB-control programmes adopted and cooperation with MERLIN (Banatvala 348 N)
Russian Federation Syphilis epidemics (Tichonova et al 210) (Waugh 595 C) (Battu et al 1100 C)
Rwanda Mental health effects of ethnic violence (Crowe 1455 N); Physician complicity and rebuilding medical community (Geltman 64); Violence against refugees (Nabeth et al 1635 C)

S

Sacks, O. Interview (Brawarsky 1092)
Sadik, N. As candidate for WHO Director General (McGregor 1308 N)
St John's Wort Hypericin, light activation and prospect for new therapies (Morris 1826 N)
Salbutamol Regular, effects on airway responsiveness to inhaled spasmogens (Crowther et al 1450 R)
Salicylate formulations Topical, tissue penetration after application (Cross et al 636 R)
Saliva Growth factors in and wound healing (Playford and Macdonald 369 C)
Salmonella Virulence factors identification (symposium) (Wunsch 1372 N)
***Salmonella* serotype Tilene** African pygmy hedgehog as source (789 N)
Salpingostomy, laparoscopic Systemic methotrexate *vs* in tubal pregnancy (trial) (Hajenius et al 774) (Watermeyer and Penketh 1554 C) (Fernandez 1555 C) (Hajenius et al 1555 C) (Hart and Magos 1555 C) (Simone et al 1556 C)
Salt Consumption and asthma link (Yemaneberhan et al 85) (Matthews and Pegge 957 C); Intake and hypertension association, consensus or controversy? (Whalley 1686 N); Restriction for prevention of stroke in elderly (randomised trial) (Elliott 825 Com) (Cappuccio et al 851) (Alderman 1702 C) (Brennan et al 1702 C) (Graudal et al 1702 C) (Cappuccio et al 1703 C)
Salt Institute (Whalley 1686 N)
Samba, E. WHO Director General candidate (Kigotho 1378 N)
Samples Frozen and need for duplicates in tropical countries (Theakston 68 C)
Sanitation Poor, UNICEF report (Nelson 194 N)
SAPEL (Special Programme to Eliminate Leprosy) (1717 E)
Sarcoidosis ACE genotyping in diagnosis and inter-population effects (Császár et al 518 C); Cause of fever of unknown origin (Arnow and Flaherty 579 S); Nasal congestion in and radiotherapy (Douds et al 786 R); Variant HHV-6 DNA and mycobacteria-like rRNA sequences in (Di Alberti et al 1655)
Sarcoma Soft-tissue, adjuvant chemotherapy for localised resectable sarcomas (Sarcoma Meta-analysis Collaboration 1647); Synovial of bone, spectral karyotyping (Cohen et al 1679 R); *See also* Kaposi's sarcoma
Sarin gas Exposure of Gulf War soldiers (McCarthy 346 N); Tokyo attack and inaccuracy of report (Woodall 296 C)
Satcher, D. Nomination for US Surgeon General (1489 E) (Greenberg 1687 N)
Saudi Arabia Road-death rate (Kandela 126 N)
Scabies Ivermectin in and deaths associated (Coyne and Addiss 215 C) (Reintjes and Hoek 215 C) (Barkwell and Shields 216 C) (Bredal 216 C) (Currie et al 1551 C); Ivermectin for and protocol for use (Currie et al 1551 C)
Scandals In 1997 (1789 E)
Scarring Pathology, role of relaxin and halofuginone treatment prospects (Fishman 570 N)
Schistosomiasis Children's education disrupted in

Kenya (Kigotho 573 N)
Schizophrenia Borna disease virus association (Haga et al 592 C) (Nowotny and Windhaber 593 C); Clinical phenotype and apoE ε4 allele (Pickar et al 930 R) (Ohara et al 1857 C) (Rietschel et al 1857 C); Olanzapine treatment and need for unbiased reports (Kerwin 594 C) (Reus 594 C)
School Cryptosporidiosis outbreak linked to milk (Gelletlie et al 1005 R)
School of the Americas Closure demanded after accusation of training of human-rights abusers (Chelala 1530 N)
Scientific misconduct Abuse of informed consent regulations in US over drug trials with psychiatric patients (Greenberg 1083 N); Edinburgh doctor struck off over antiangina drug trials (Mitchell 273 N); Karolinska Institute (Atterstam 643 N); Threatened lawsuits and establishment of COPE and first Research Misconduct meeting (Horton 234 Com)
Scleroderma Relaxin and halofuginone treatment trials (Fishman 570 N)
Sclerosing agents Polidocanol, fibrin glue *vs* for bleeding peptic ulcers (Blackstone 679 Com) (Rutgeerts et al 692) (Albillos and Calleja 1397 C) (Gullarton and Galloway 1397 C) (Rugeerts et al 1398 C)
Sclerotherapy Efficacy improved in acute oesophageal variceal bleeds by early somatostatin (ABOVE trial) (Avgerinos et al 1495)
Scotland Carbapenem-resistant *Klebsiella pneumoniae* (MacKenzie et al 783 R); DARTS study (Diabetes Audit and Research in Tayside Scotland) (Morris et al 1505); Lothian Surgical Audit on improvements in surgical practice (Aitken et al 800)
Scrapie B cells as possible carriers for PrP^{Sc} prion proteins (Bradbury 1827 N)
Screening Breast cancer, Canadian National Breast Screening Study (Kopans 810 C); Cancer, by whole-body ^{18}F-fluorodeoxyglucose PET (Yasuda and Shohtsu 1819 R); Coeliac disease (450 correction); Endoscopic for colorectal cancer (meeting) (Bhattacharya 1452 N); For vesicoureteric reflux in infants (Verrier Jones 380 Com) (Scott et al 396) (Blumenthal 1030 C) (Matthews 1031 C) (Scott et al 1031 C); *See also* Cervical cancer; Mammography
Seizures In children with progressive unilateral cortical disease and hemispherectomy benefit (Larkin 417 N); Poppy tea drinking and (King et al 716 R) (1182 correction) (Trathen and Byers 1858 C) (Drummer et al 1859 C) (Nelson and Hung 1859 C) (Nowack 1859 C); Sexual, in temporal lobe vascular abnormality and gliosis (case report) (Reading and Will 1746); *See also* Epilepsy
Selective noreinephrine reuptake inhibitor Reboxetine trial results (Magee 36 N)
Selective oestrogen-receptor modulators (SERMs) (Compston 676 Com)
Selective serotonin reuptake inhibitors (SSRI) In anorexia nervosa (Collier et al 412 R) (Bergh et al 1033 C) (Treasure et al 1033 C) (Hinney et al 1324 C); Paroxetine in management of night terrors (Wilson et al 185 R); Pindolol with fluoxetine in depression (Isaac and Tome 288 C) (Bordet et al 289 C) (Terao 289 C); Sertraline in premenstrual dysphoric disorder (Larkin 935 N)
Selective serotonin-2 receptor blocker Ketanserin with aspirin in prevention of pre-eclampsia (trial) (Steyn and Odendaal 1267)
Selenium Deficiency and poor survival in HIV infection (1148 N)
Semen HIV-1 in and origin from isolated virus reservoir (Byrn et al 1141 R)

Seminars

Amenorrhoea (Baird 275)
Atrial fibrillation (Narayan et al 943)
Autistic spectrum (Wing 1761)
Childhood asthma epidemiology (Sears 1015)
Chronic pancreatitis (Mergener and Baillie 1379)
Cryptogenic fibrosing alveolitis (Chan-Yeung and Müller 651)
Diabetic eye disease (Klein and Klein 197)
Fever of unknown origin (Arnow and Flaherty 575)
Hepatic encephalopathy and ascites (Jalan and Hayes 1309)
Hypertrophic cardiomyopathy (Maron 127) (1330 correction)
Irritable bowel syndrome (Maxwell et al 1691)
Jet-lag (Waterhouse et al 1611)
Lower-limb arterial disease (Golledge 1459)
Nasopharyngeal carcinoma (Vokes et al 1087)
Obesity (Björntorp 423)
Osteoarthritis (Creamer and Hochberg 503)
Persistent vegetative state (Zeman 795)
Polymyalgia rheumatica (Salvarani et al 43)
Portal hypertension and variceal haemorrhage (Stanley and Hayes 1235)
Primary biliary cirrhosis (Neuberger 875)
Psoriasis (Stern 349)
Sickle-cell disease (Serjeant 725)

Seminars, correspondence Obesity (James 885 C); Persistent vegetative state (Britton 1324 C) (Colover 1324 C); Sickle-cell disease (Srinivasan 1710 C)
Senile dementia of Alzheimer type (SDAT) In I. Kant (medical history) (Fellin and Blè 1771)
Sensor Pad FDA approval for use in breast self-examination (Ault 1604 N)
Sensory disturbances In new variant CJD (Zeidler et al 903)
Sensory motor cortex Localisation during surgery by changes of cortical temperature after median nerve stimulation (Ueda et al 561 R)
Sentinel lymph-node Biopsy in breast cancer (Atkins and Warshaw 808 C) (Nieweg et al 808 C) (Torné and Iglesias 808 C) (Veronesi 809 C); Biopsy in melanoma and outcome (Rivers and Roof 1336 Com); Intradermal blue dye for identification (Borgstein 958 C) (Giuliano 958 C)
Septic shock Adrenocortical failure differential diagnosis using procalcitonin (Hatherill et al 1749 R); Antibody trial failure and implications (Mitchell 270 N)
Septicaemia In Lemierre syndrome (case report) (Vohra et al 928)
Serbia Fears of ethnic Albanians in (Agovino 1757 N)
Serotonin 5-HT_{2A} gene promotor polymorphism and anorexia nervosa association (Collier et al 412 R) (Bergh et al 1033 C) (Treasure et al 1033 C) (Hinney et al 1324 C); Pathogenesis of night terrors (Wilson et al 185 R); Reuptake inhibitors *see* Selective serotonin reuptake inhibitors (SSRI)
Serotonin-2 receptor blocker, selective Ketanserin with aspirin in prevention of pre-eclampsia (trial) (Steyn and Odendaal 1267)
Serruys, P Contribution to coronary stenting technique (Bonn 498 N)
Sertoli cells Effect of rFSH in prepubertal gonadotrophin-deficient boys (Raivio et al 263 R)
Sertraline Premenstrual dysphoria improvement (Larkin 935 N)
Servier Laboratories Coversyl advertisement in *The Lancet* and BMJ (Vitry and Mansfield 1477 C) (Alliot 1636 C)
Sex differences Fetal mouth movements (Hepper et al 1820 R); Motion sickness incidence (Cooper et al 892 C)
Sex education Plans abandoned in Kenya (Kigotho 1152 N)
Sexual behaviour HIV infection prevention by community-level interventions in homosexual men (Kelly et al 1500)
Sexual intercourse Emergency-room doctors in Canada (Kondro 942 N)
Sexual seizures In temporal lobe vascular abnormality and gliosis (case report) (Reading and Will 1746)
Sexually transmitted diseases (STDs) Bacterial vaginosis role in HIV transmission (Mayaud 530 Com) (Sewankambo et al 546) (1036 correction) (Ledru et al 1251 C) (Ugwumadu et al 1251 C) (Gray et al 1780 C); Cost-effectiveness of improving treatment in prevention HIV-1 infection (Gilson et al 1805); Molecular technology in diagnosis (Dayan 1303 N); Review of developments in 1997 (Laga and Dallabetta sIII 25); *See also* Syphilis
Sézary syndrome Extracorporeal photophoresis and interferon-α (Dippel et al 32 R) (Russell-Jones et al 886 C) (Dippel et al 1776 C)
Shared care Mental health outreach programme planned in Canada (Kondro 1232 N)
Sheep Cloning (1789 E); Parturition mechanisms/signals (Schwartz 1792 Com)
Sheffield table CHD risk and guidelines for hypercholesterolaemia management by statins (Jones 1174 C) (Poulter et al 1852 C) (Wallis et al 1852 C) (Colhoun and Fuller 1853 (Vallance and Martin 1854 C)
Shelley, W (1788 L)
Sherwood, T (1040 L)
Shivering Neonatal and hypothermia after intrapartum amnioinfusion (Petrikovsky et al 1366 R) (Philip 1856 C)
Short, R V (1334 L)
Sibutramine FDA approval for use in obesity (1760 N)
Sick-sinus syndrome Atrial *vs* ventricular pacing (trial) (Andersen et al 1210) (Gibbs et al 1780 C)
Sickle-cell disease (Serjeant 725 S); Genetics/epidemiology/features/severity/diagnosis and outlook (Serjeant 725 S) (Srinivasan 1710 C); Painful episodes and oral morphine for in children (trial) (Jacobson et al 1358)
Siddha medicine (Subbarayappa 1841)
Sierra Leone Lassa fever epidemics (Morris and Calisher 1458 N)
Signal transduction Mapping and real time visualisation of phosphorylations (Fishman 644 N)
Silicone breast implants Antipolymer antibodies (Miller 740 C) (Tenenbaum and Garry 740 C); Rupture, causes, sequelae and diagnosis (review) (Brown et al 1531); *See also* Breast implants
Simpson, J Y Anniversary of use of chloroform in childbirth (Jack 868 N)
Simvastatin Benefits to patients over 65 years (Husten 1827 N); Cholesterol-lowering effect influenced by CYP2D6 polymorphism (Nordin et al 29 R); Reduction of monocyte tissue-factor expression in type IIa hypercholesterolaemia (Ferro et al 1222 R)
Sinus node As target of autoimmune response and effect of cholinergic autoantibodies (Ferrari et al 262 R)
Sinus rhythm In heart failure and digoxin treatment (McMurray and Davie 519 C) (Saunders 519 C)
Sitostanol ester In margarine and cholesterol absorption inhibition (Husten 1827 N)
Skin Bioengineering (living skin equivalent), comparisons and uses (Muhart et al 1142 R); Blood flow after transdermal S-nitrosothio-acetylglucose (SNAG) (Khan et al 410 R); Expression of natural peptide antibiotics (defensins) (Fulton et al 1750 R); Ulcers in pyoderma gangrenosum (Powell et al 1720 Com)
Skin-Cap Global scandal and regulations in Denmark after (Skovmand 1528 N)
Sleep apnoea, obstructive Management in treatment of nocturnal enuresis (Wengraf 221 C); Treatment and assessment of efficacy (Fricker 122 N)
Sleeping Infants, on back as best position (Bonn 190 N)
Sleeping sickness Southern Sudan epidemic (Kigotho 502 N)
Slovenia Health-care system (Rogers 1760 N)
Small for gestational age infants At greater disadvantage than preterm infants (Lagercrantz 1044 Com)
Small intestine Transplant in triplets (Calne et al 1077 R); Villous atrophy and autoimmune enteropathy in adults (Corazza et al 106) (Mirakian et al 959 C) (Biagi and Corazza 960 C)
Small-cell lung cancer New treatments reported at World Congress (Birchard 568 N)
Smart card Medical history data, Australian trial (Harrigan 420 N)
Smoke "Haze" in SE Asia and respiratory problems caused by (Easton and Wallerstein 1008 N)
Smoking Alzheimer's disease association (Debanne et al 295 C) (Peto 295 C); Bans, effect on non-smoking customers for bars/clubs (Bonn 1831 N); Bans in Australia lack commitment (Harrigan 721 N); In boys and tobacco sponsorship of motor racing (Charlton et al 1474 C); Brazilian manufacturer fined over premature death of smoker (Csillag 1014 N); Death rate increase in China (Bradbury 643 N); In diabetics, effect of cessation on cardiovascular disease (Webster and Scott sI25); Dupuytren's contracture risk (Frey 1568 Com); Effect on aortic distensibility (symposium) (Lehmann and Belz 1008 N); Effect of switch from cigarettes to pipes/cigars (36 N); Europe-wide ban under WHO proposals (Mitchell 940 N); Exercise tests to identify high-risk of death group (Bonn 495 N); As leading risk factor for cardiovascular disease (Huston 121 N); Long-term, gastrin-releasing peptide receptor expression as marker (Bradbury 568 N); Mutagens in cigarettes (1406 correction); Parental, morbidity and mortality in children due to (Moore 190 N); Passive *see* Passive smoking; In pregnancy associated with conduct disorders (Moore 190 N); Smoke-free US federal buildings (Rovner 571 N); Spastic dystonia improvement (Vaughan et al 565 R); Survey on extent in Switzerland (McGregor 124 N); Teenage, to be discouraged in US under tobacco companies' pact with attorneys general (1 E); Tobacco companies' pact with attorneys general undermines FDA's authority and need to reduce nicotine levels (1 E); "Tough on smoking" policy in UK (Mitchell 195 N); *See also* Passive smoking; Tobacco companies; Tobacco industry
S-nitrosothio-acetylglucose (SNAG) Transdermal and effect on skin blood flow and nitric oxide release (Khan et al 410 R)
Snow, J. Cholera epidemiology and site of London pub (Raju 1863)
Social Accountability 8000 Document on standards for international occupational health policies (1187 E)
Social class As risk factor for preterm birth (Wildschut and Golding 148 C)
Social factors Coronary heart disease incidence related to job control and work environment (Syme and Balfour 231) (Marmot et al 235) (Davey Smith and Harding 1369 R) (White 1404 C) (Marmot et al 1405 C); Origins of health inequalities in UK sample (Power and Matthews 1584)

Social reforms Needed for tuberculosis prevention (conference) (Abdulla 1604 N)
Society of General Internal Medicine Nature/future of internal medicine (1641 E)
Socioeconomic factors Control at work and CHD mortality relationship (Davey Smith and Harding 1369 R)
Socioeconomic inequalities Morbidity/mortality in western Europe (Vågerö and Erikson 516 C) (Wilkinson 516 C) (Mackenback et al 517 C) (Di Carlo et al 518 C)
Sodium Restriction for prevention of stroke in elderly (randomised trial) (Elliott 825 Com) (Cappuccio et al 851) (Alderman 1702 C) (Brennan et al 1702 C) (Graudal et al 1702 C) (Cappuccio et al 1703 C); Sensitivity in hypertension and cardiovascular events association (Morimoto et al 1734); Sweat concentrations in children with atopic dermatitis (Liebke et al 1678 R)
Sodium cromoglycate Inhalation therapy for young children with moderate asthma (randomised trial) (Tasche et al 1060)
Sodium pump Regulation by bufenolide and detection in plasma from volume-expanded patient (Wright et al 409 R)
Sodium valproate In mania (Daly 292 C) (Longhurst 292 C)
Soft-tissue sarcoma Adjuvant chemotherapy for localised resectable sarcomas (Sarcoma Meta-analysis Collaboration 1647)
Solis-Cohen, S Adrenaline effect on asthma (history) (Persson 1023)
Somalia African Medical and Research Foundation and doctors' role and work (Crowe 419 N); Conditions, humanitarian crisis and urgent appeals for aid (Kigotho 1757 N)
Somatostatin Early to improve sclerotherapy efficacy in acute oesophageal variceal bleeds (ABOVE trial) (Avgerinos et al 1495)
Sorbitol pathway Vascular dysfunction in diabetics and (Feener and King sl11)
South Africa Clinical waste management principles and disposable syringes' failure (Battersby 449 C); Truth and Reconciliation Commission investigations (Lee 39 N); Women denied reproductive rights (Crowe 722 N)
Southern Sudan Sleeping sickness epidemic (Kigotho 502 N)
Souza Cruz Cigarette manufacturer fined over premature death of smoker (Csillag 1014 N)
Soy protein Inverse relation with endometrial cancer (718 N)
Soy-based infant formula Exposure of infants to phyto-oestrogens from (Setchell et al 23) (Huggett et al 815 C)
Spain Drug policy and cost-containment measures (Bastida and Mossialos 679)
Spasmogens Effects of regular salbutamol on airway responsiveness to (Crowther et al 1450 R)
Spastic dystonia Treatment with transdermal nicotine (Vaughan et al 565 R)
Specialists Implications of training reforms in UK *see* Medical training; Training conditions in Italy deplored (Simini 1829 N); *See also* Consultants
Spectral karyotyping Delineation of synovial sarcoma of bone (Cohen et al 1679 R)
Speech "Baby-speak" from mothers and language learning promoted by (342 N)
Spell-check programme Hirschsprung error (de Glanville 1860 C)
Sperm Counts, density decline in US and Europe (Bradbury 1605 N); From hepatitis C-positive donor and arrests in Italy (Simini 1689 N)
Spermatid conception Complete spermiogenesis failure as indication (Amer et al 116 R)
Spermine TNF production in fetus and inhibition by fetuin (Wang et al 861 R)
Spermiogenesis Failure as indication for spermatid conception (Amer et al 116 R)
Spherocytosis, hereditary Myocardial infarction and strokes after splenectomy in (Schilling 1677 R)
Spigelian hernia Presenting as painful groin "lipoma" in patient with Dercum's disease (case report) (Harris et al 334)
Spina bifida Folic acid use in pregnancy in Netherlands (1372 N)
Spinal cord Injury and neuroprosthesis for leg function after (Donaldson et al 711 R)
Spiral arteries Vascular remodelling and trophoblast role (King and Loke 220 N)
Splanchnic perfusion Measurement by blood gas analysis and gastric tonometry (Rhodes et al 413 R)
Splenectomy In hereditary spherocytosis and myocardial infarction and strokes after (Schilling 1677 R)
Splenic-vein thrombosis In chronic pancreatitis (Mergener and Baillie 1384 S)
Spongiform Encephalopathies Advisory Committee (SEAC) Beef-on-the-bone ban in UK (1754 N); Recommendation for blood products (Ludlam et al 1704 C)
Sports Bromontan as new doping agent (Burnat et al 963 C)
Sputum Production and nocturnal cough association (Zheng et al 864 R)
Squirrel brains Consumption and CJD association (Berger et al 642 R)
Stalking Arteriovenous malformation of left frontal lobe associated (case report) (Farnham et al 710) (Phillips 1036 C)
Stamps Surcharge in US to fund breast cancer research (377 E) (Goodman 1101 C) (Bodai 1102 C)
Standing Medical Advisory Committee Guidelines for management of hypercholesterolaemia with statins (Jones 1174 C) (Poulter et al 1852 C) (Wallis et al 1852 C) (Colhoun and Fuller 1853 (Vallance and Martin 1854 C)
Staphylococci Coagulase-negative, antibiotic resistance and spread from acne patients to contacts (Bolognia and Edelson 972 Com)
Staphylococcus aureus Bacteraemia in pyoderma gangrenosum (case report) (Liu et al 860); Decreased susceptibility to vancomycin, conference report (LeDuc and Hughes 1081 N); Methicillin resistance in isolates from blood and CSF, Methicillin resistance (Speller et al 323) (Williams 885 C) (Namnyak 1326 C) (Bevan et al 1327 C); Vancomycin-resistant MRSA (Tabaqchali 1644 Com) (Hiramatsu et al 1670)
Starch powder Hazard from surgical gloves (Poole 973 Com) (Davis et al 1783 C)
Statins Benefits for wide range of patients (Husten 1525 N); Standing Medical Advisory Committee guidelines for management of hypercholesterolaemia (Jones 1174 C) (Poulter et al 1852 C) (Wallis et al 1852 C) (Colhoun and Fuller 1853 (Vallance and Martin 1854 C)
Statistical anticipation Of genetic diseases (Fraser 459 Com) (Petronis et al 1403 C)
Statistics Discrepant analysis and overrated sensitivities of diagnostic tests (Hilden 902 Com); Funnel plots in use of meta-analyses (Davey Smith and Egger 1182 C)
Status epilepticus Diffusion changes (Wieschmann et al 493 R)
Stem-cell separators Setback for CellPro in patent battle with Baxter (Ault 501 N); Weak backing by FDA for Baxter International's device and patent case with CellPro Inc (Ault 346 N)
Stent-graft strategy For traumatic thoracic aortic lesions (Carrel et al 1146 R)
Stenting *see* Coronary stenting
Sterilisation Of disabled persons in Japan (Watts 941 N); Of handicapped children to be curtailed in Austria (Glass 723 N); Mentally disabled in Sweden, reforms and compensation sought (Awuonda 723 N)
Still's disease Cause of fever of unknown origin (Arnow and Flaherty 579 S)
Stools Elastase as diagnostic test for pancreatic function in children with cystic fibrosis (Wallis et al 1001 R)
Streptococcus Group A, guidelines for treatment of throat infections (Kaplan 899 Com) (Steinhoff et al 918)
Streptococcus pneumoniae Antibiotic resistance in children (Stamos and Shulman 84 Com) (Pollard et al 811 C); Penicillin resistance, conference report (LeDuc and Hughes 1081 N); Penicillin-resistant and re-examination of "total resistance" concept (Goldstein and Garau 233 Com) (Klugman and Koornhof 1176 C)
Streptokinase Pleural empyema treatment (Lim and Chin 446 C)
Stress Bottlefeeding and diabetes (NIDDM) association (Huang et al 889 C); Risk factor for coronary heart disease (Whiteman et al 541) (Gill and Bell 1247 C) (Meyer et al 1478 C) (Upton 1478 C) (Whiteman et al 1479 C)
STRESS trial Coronary stenting (Bonn 498 N)
Stress-management Coronary artery disease reduction (Fricker 1302 N)
Stroke Acute, early CT abnormalities (Grond et al 1595 R); Acute ischaemic, systemic review of evidence on thrombolytic therapy (Wardlaw et al 607) (Lane 1475 C) (Fieschi et al 1476 C) (Muir and Lees 1476 C) (Wardlaw et al 1477 C); Aphasia due to and incidence (1149 N); Cerebral haemorrhage risk after diagnosis of cerebral arteriovenous malformation (Mast et al 1065); Developments in 1997 (Wokke and van Gijn sl11 14); In hereditary spherocytosis after splenectomy (Schilling 1677 R); Ischaemic, early treatment with neuroprotectants (Kandela 936 N); Ischaemic, IST and CAST trials *see* CAST trial; IST trial; Low risk with oral contraceptives, WHO meeting report (Spitzer 1566 Com); In mitochondrial disease (case report) (Chinnery et al 560) (Chinnery et al 1402 C) (Loftus and McCarron 1402 C); Myocardial infarction with due to raised lipoprotein(a) (case report) (372 correction); Neck extension at hairdresser association (Nwokolo and Bateman 866 R) (Weintraub 1777 C) (Yuzawa and Nozue 1778 C); Outcome improved by early acute treatment and rehabilitation (Moore 1149 N); Prevention, placebo *vs* active treatment for systolic hypertension (Syst-Eur trial) (Staessen et al 757) (Nabel et al 1632 C) (Avanzini et al 1633 C) (Coope and Aylett 1633 C) (Staessen et al 1634 C) (1636 correction); Prevention in elderly and benefits of salt restriction (randomised trial) (Elliott 825 Com) (Cappuccio et al 851) (Alderman 1702 C) (Brennan et al 1702 C) (Graudal et al 1702 C) (Cappuccio et al 1703 C); Risk with high fat meals causing increased factor VII (Fricker 1603 N); Risk increased with dental infections (Larkin 789 N); Risk not affected by HRT (Pedersen et al 1277); Unilateral hemispheric, oropharyngeal dysphagia after (Hamdy et al 686); Use/uptake levels of recombinant tissue plasminogen activator (Husten 1451 N); Visual neglect shown in art (Halligan and Marshall 139); *See also* Cerebrovascular disease
Studd, J Guilty of professional misconduct over removal of ovaries and fallopian tubes (Brahams 1014 N)
Students *see* Medical students
Subarachnoid haemorrhage Diagnosis (Craig et al 216 C)
Subclavian abscess Iodoform gauze dressings and delirium associated (case report) (Yamasaki et al 1294)
Subfertility Underweight infants associated (Moore 1080 N)
Submissiveness trait Protection from coronary artery disease (Whiteman et al 541) (Gill and Bell 1247 C) (Meyer et al 1478 C) (Upton 1478 C) (Whiteman et al 1479 C)
Subretinal haemorrhage After granulocyte colony-stimulating factor treatment (Matsumura et al 336 R) (1406 correction)
Substance P Nerve ingrowth into diseased intervertebral discs causing low back pain (Freemont et al 178)
Subthalamic nuclei In Parkinson's disease (Gill and Heywood 1224 R); Stimulation to alleviate tremor in Parkinson's disease (Krack et al 1675 R); Stimulation to improve levodopa-induced dyskinesias in Parkinson's disease (Krack et al 1676 R)
Subthalamotomy Bilateral dorsolateral, in advanced Parkinson's disease (Gill and Heywood 1224 R)
Sudan Health care and aid ignored by civil war (Kigotho 1455 N); Polio outbreak and progress towards eradication after (Ali ElZein et al 715 R)
Sudden infant death syndrome (SIDS) Avoidance by back position for sleeping (Bonn 190 N); Conformational changes (disease) associated (Carrell and Lomas 137); Increased rate in England/Wales (718 N)
Sudeck's atrophy *see* Reflex sympathetic dystrophy (RSD)
Suicide Maternal in Hong Kong and maternal mortality criteria (Yip et al 1103 C); Physician-assisted *see* Physician-assisted suicide
Sulphasalazine Early combined intensive therapy *vs* sulphasalazine-only therapy of rheumatoid arthritis (COBRA trial) (Emery 304 Com) (Boers et al 309)
Sumatriptan nasal spray For migraines (Larkin 1604 N)
Sumina Taco, F.G. Update after release from detention (Reiner 587)
Sunbeam Corporation AMA reversal over endorsement (Ault 648 N); AMA sued over endorsement reversal (Rovner 872 N); Health-care products endorsed by and exclusive contract with AMA (529 E)
Sunday Times Breast cancer risk with HRT report publication and professional concerns (Horton 1043 Com) (Cohen et al 1626 C) (Nurse 1626 C) (Horton 1627 C) (Whitehead and Godfree 1627 C)
Sunscreen Systemic absorption after topical application (Hayden et al 863 R)
Supera-spirins Colorectal cancer risk reduction and possible mechanisms (Featherstone 418 N)
"Superhospitals" (Heald and Moran sl11 26)
Supermodels Biometric database and tall/curvaceous figures (Tovée et al 1474 C)
Surgeon Waiting for outreach surgeons in Tanzania (Crowe 123 N)
Surgery In cancer therapy, omission from *Lancet* supplement (Taylor 149 C); Half-life of truths relating to, determined by analysis of abstracts journal (Hall and Platell 1751 R); Iodoform gauze dressings for subclavian abscess and delirium associated (case report) (Yamasaki et al 1294); Lothian Surgical Audit (Aitken et al 800); Management of familial adenomatous polyposis and genetic tests in (Evans et al 1777 C); Melanoma and outcome after sentinel node biopsy (Rivers and Roof 1336 Com); Pelvic floor dysfunction (Nager et al 1751 R);

Review of developments in 1997 (Heald and Moran sIII 26); Sensory motor cortex localisation during, by changes of cortical temperature after median nerve stimulation (Ueda et al 561 R); Training (Heald and Moran sIII 26); Unsupervised, in National Confidential Enquiry into Perioperative Deaths survey (1014 N)
Surgical gloves Hazards of starch powder and latex proteins (Poole 973 Com) (Davis et al 1783 C)
Surrogate mother "Twins" born in Italy (Simini 1307 N)
Swallowing Painful in necrosis of uvula (Harris and Kumar 1820 R)
Swan bite Antibiotic prophylaxis (Ebrey and Hayek 340 R)
Sweat Electrolyte levels in children with atopic dermatitis (Liebke et al 1678 R)
Sweden Forced sterilisation of mentally disabled to be changed and compensation considered (Awuonda 723 N); Free child health care (Awuonda 873 N)
Swedish Family Cancer Database Interaction of melanoma and breast cancer genotypes (Hemminki and Vaittinen 931 R)
Swiss Medical Association Public advised to reject amendment on illegal drugs (McGregor 572 N)
Switzerland Attitudes to cannabis (McGregor 572 N); Drug referendum support for government policy on drug use (McGregor 1012 N); Survey on extent of drug/alcohol addiction and smoking (McGregor 124 N)
Syndrome E Transformation of nonviolent individuals into repetitive killers (Fried 1845)
Syndrome of inappropriate antidiuresis (SIADH) In hypothyroidism (Hanna and Scanlon 755 Com) (Croal et al 1402 C)
Synovial sarcoma of bone Delineation by spectral karyotyping (Cohen et al 1679 R)
Syphilis Epidemics in Russian Federation (Tichonova et al 210) (Waugh 595 C) (Battu et al 1100 C); Outbreak in Bristol (UK) (Battu et al 1100 C)
Syringes Disposable and failure of WHO safe injections criteria (Battersby 449 C); As weapons in Ireland and legal action over attacks (Birchard 1607 N)
Syst-Eur trial Placebo *vs* active treatment for systolic hypertension in older patients (Staessen et al 757) (Nabel et al 1632 C) (Avanzini et al 1633 C) (Coope and Aylett 1633 C) (Staessen et al 1634 C) (1636 correction)
Systemic lupus erythematosus Aetiology (Bach and Koutouzov sIII 11); Hyperinducibility of interferon-, gene and interference of control by immunosuppressive drugs (Fishman 342 N)
Systolic hypertension in Europe (Syst-Eur) trial *see* Syst-Eur trial

T

Tacrolimus Bone marrow suppression induced by (de-la-Serna-Higuera et al 714 R)
Taiwan Compensation for radiation exposure in apartments and offices (Kau 1232 N); Cytogenetic effects of chronic low-dose and low-dose rate exposure from irradiated buildings (Chang et al 330); WHO observer status opposed (Chen-Yuan 449 C) (Lee 1107 C)
Taliban Health care under rule of (Maley 743 C)
Tamoxifen Adjuvant chemotherapy with in breast cancer (Wunsch 1604 N); Ambiguous genitalia in infant after in utero exposure (Tewari et al 183 R)
Tanzania Cost-effectiveness of improving treatment of sexually transmitted diseases in preventing HIV-1 infection (Gilson et al 1805); Cross-border strategies to combat cholera epidemics (Kigotho 1457 N); Iron supplementation and malaria chemoprophylaxis in anaemia/malaria prevention (randomised trial) (Menendez et al 844) (Baird and Hoffman 1855 C) (D'Alessandro 1855 C) (Menendez and Alonso 1856 C); Malaria outbreak amongst refugees (Crowe 41 N) (Carlstedt 1180 C); Waiting for surgeons from outreach service (Crowe 123 N); Women denied reproductive rights (Crowe 722 N)
Taste Metallic, in carotid artery dissection (case report) (Schievink 260)
Tattooing For mitral stenosis in India (Bhargava and Narang 298 C)
Tau protein In cerebrospinal fluid and Alzheimer's disease diagnosis by (Riemenschneider et al 784 R)
Taxol *see* Paclitaxel
T-cell lymphoma Cutaneous *see* Cutaneous T-cell lymphoma
T-cells Activation, costimulatory molecules and graft rejection by blocking (Ault 497 N); Activation prevention in graft rejection prevention (Rowe 1526 N); Gene rearrangement and cutaneous T-cell lymphoma severity index (Dippel et al 1776 C); Immune response and vaccine development (Nossal 1316); Recovery after highly-active antiretroviral therapy (HAART) in HIV infection (Rowe 720 N); Transplant rejection prevention/reversal by CTLA4-Ig and 5C8 (Ault 497 N); *See also* CD4 cells
Tea Poppy, and seizures related to (King et al 716 R) (1182 correction) (Trathen and Byers 1858 C) (Drummer et al 1859 C) (Nelson and Hung 1859 C) (Nowack 1859 C)
Teenagers *see* Adolescents
Teicoplanin Treatment of vancomycin-resistant enterococci (Frankel 1081 N)
Teleconferencing (Larkin 646 N)
Telemedicine Applications and adoption by healthcare organisations (Larkin 646 N)
Teleradiology (Larkin 646 N) (Hynes et al 657)
Television Documentary on weaknesses of A & E treatment of trauma patients (UK) (Murphy 119 N)
Temperature Cortical, sensory motor cortex localisation during surgery by changes in (Ueda et al 561 R)
Temporal arteritis *see* Giant-cell arteritis
Temporal lobe abnormality Arteriovenous malformation and gliosis presenting with sexual seizures (case report) (Reading and Will 1746)
Tennis ball In endotracheal tube caecostomy (Harries et al 934 R)
Terathanasia As explanation for protective effect of folic acid against birth defects (Hook and Czeizel 513) (Burn and Fisk 1322 C) (Hall 1322 C) (Hook 1323 C) (Schorah et al 1323 C) (Giagounidis et al 1712 C)
Teratogenicity ACE inhibitors and no adverse effects in cases (Lip et al 1446 R); Adapalene gel (Autret et al 339 R); Tamoxifen and ambiguous genitalia after (Tewari et al 183 R)
Teratoma Paraneoplastic syndrome in young girl due to and presentation with acute confusion (case report) (Okamura et al 488) (Duyff 1250 C) (Okamura et al 1250 C) (Schiffman et al 1251 C)
Teratothanasia Terathanasia *vs* (Giagounidis et al 1712 C)
Terbutaline Bedtime administration to diabetics to prevent nocturnal hypoglycaemia (496 N)
Terfenadine Prescription-only drug in UK and cardiac arrhythmias due to (724 N) (Rankin 1115 Com) (Dearlove and Wesson 1857 C)
Testes Apoptosis increased in contralateral testis in patients with testicular torsion (Hadziselimovic et al 118 R); Volume, effect of rFSH in prepubertal gonadotrophin-deficient boys (Raivio et al 263 R)
Testicular cancer Aetiology (Parker 827 Com); Mortality decline in former GDR after reunification (Becker and Boyle 744 C); Risk of second cancers after (Bonn 1080 N); Risk in young adult twins, prenatal/genetic aetiology (Swerdlow et al 1723)
Testicular tissue Permission for removal/storage from child before chemotherapy (940 N)
Testicular torsion Apoptosis increased in contralateral testis (Hadziselimovic et al 118 R)
Tetanus toxin Lethal dose (human) (Réthy and Réthy 1518 R)
Thailand Ehrlichiosis in and causative agent (Heppner et al 785 R)
Thalassaemia major Treatment with phenylbutyrate and hydroxyurea (Olivieri et al 491 R)
Thalidomide Celgene version "approvable" by FDA (1086 N); FDA approval likely after advisory panel vote (Ault 873 N); Recurrent bleeding in Crohn's disease treatment (Wettstein and Meagher 1445 R)
Theft Of books and curses to reduce (Sharp 1192 Com) (Neelon 1245) (MacLean 1860 C)
Theophylline Clearance and menstrual cycle-induced variations (Macready 644 N) (Ohrui et al 1178 C)
Thermotherapy Percutaneous MRI-guided laser-induced for hepatic metastases in colorectal cancer (Vogl et al 29 R)
Thida, M. Update on imprisonment (Reiner 586)
Thirst Preoperative and guidelines for oral fluids (Gilston 1256 C)
Throat Group A streptococcal infections and guidelines for treatment (Kaplan 899 Com) (Steinhoff et al 918); Sore, in Lemierre syndrome (case report) (Vohra et al 928)
Thrombin Generation inhibition by warfarin in CARS trial (Peverill et al 1177 C)
Thrombocytopenia Chemotherapy-associated and prevention by human recombinant interleukin-11 (Ault 416 N)
Thrombocytopenic purpura Idiopathic *see* Idiopathic thrombocytopenic purpura (ITP); Thrombotic, *Bartonella*-like erythrocyte inclusions (Tarantolo et al 1602 R)
Thromboembolism Risk in sick-sinus syndrome with ventricular pacing (Andersen et al 1210) (Gibbs et al 1780 C)
Thrombolysis Application of interventional radiology (Thomson 355); Vocal cord haematoma (Laing et al 1677 R)
Thrombolytic therapy In acute ischaemic stroke and systematic review of evidence (Wardlaw et al 607) (Lane 1475 C) (Fieschi et al 1476 C) (Muir and Lees 1476 C) (Wardlaw et al 1477 C); Alteplase and reteplase survival after myocardial infarction results similar (GUSTO III study) (Bonn 1229 N); Angioplasty *vs* in myocardial infarction (GUSTO IIb trial) (Steinhubl and Topol 532 Com); Prehospital and mortality reduction (GREAT trial) (Husten 1301 N); In severe meningococcal disease (Duncan 1565 Com) (Smith et al 1590)
Thrombosis Antibody-mediated in antiphospholipid syndrome (Roubey and Hoffman 1491 Com); α_1-Antitrypsin in (Carrell and Lomas 136); Coronary stent and risk with platelet glycoprotein IIIa polymorphism (Nurden 1189 Com) (Walter et al 1217); *See also* Deep-vein thrombosis; Venous thrombosis
Thrombospondin-related adhesive protein (TRAP) Of *Plasmodium berghei* and role in parasite motility (Spaccapelo et al 335 R)
Thrombotic thrombocytopenic purpura *Bartonella*-like erythrocyte inclusions (Tarantolo et al 1602 R)
Thromboxane In ACE inhibitor-induced cough pathogenesis (Robinson et al 3 Com) (Malini et al 15) (Goldsmith 814 C) (Knox and Pang 814 C)
Thromboxane antagonists Reduction of ACE inhibitor-induced cough (Robinson et al 3 Com) (Malini et al 15) (Goldsmith 814 C) (Knox and Pang 814 C) (Aurup 1854 C)
Thumb tacks Injury to diabetic feet (Teelucksingh and Naraynsingh 74 C)
Thymoma Spontaneous neutralising antibodies to interferon-α and interleukin-12 in autoimmune disease associated (Meager et al 1596 R)
Thyroid cancer ^{131}I-treatment and radiation dose received by family members from (Mathieu et al 1074 R)
Thyroiditis Subacute, cause of fever of unknown origin (Arnow and Flaherty 579 S)
Thyroxine Radioiodine treatment of non-toxic diffuse goitre and need for comparisons (Hegedüs and Bennedbaek 409 R)
Tibet Fungal contamination of barley causing Kashin-Beck disease (Chasseur et al 1074 R)
Tick-borne disease Blood products recall after exposure (121 N); Lymphadenopathy possibly caused by *Rickettsia slovaca* (Lakos 1006 R); *Rickettsia slovaca* causing (Raoult et al 112 R) (Guiserix 596 C)
Ticks Antibiotic prophylaxis after bites to prevent Lyme disease (Dennis and Meltzer 1191 Com); Blood products recall after exposure (121 N); Pyrenean bears carrying (Guiserix 596 C); Toxicants in mouse-nesting areas to prevent Lyme disease (Stanislow 294 C)
Tissue plasminogen activator In acute ischaemic stroke and review of evidence (Wardlaw et al 607) (Lane 1475 C) (Fieschi et al 1476 C) (Muir and Lees 1476 C) (Wardlaw et al 1477 C); Alteplase and reteplase survival after myocardial infarction results similar (GUSTO III study) (Bonn 1229 N); Recombinant, use/eligibility after strokes (Husten 1451 N)
Tissue-factor antigen In coronary atherosclerotic plaques (298 correction)
Tobacco Advertising to be banned in US under tobacco companies' pact with attorneys general (1 E); Advertising and sponsorship to be banned in UK (Mitchell 195 N); Bans on cigarette promotional items possible in US (Bonn 1831 N); Sponsorship ban, motor racing exemption in UK and Labour Government mishandling (1411 E) (Charlton et al 1474 C) (Dean 1607 N); Sponsorship by motor racing and smoking by boys (Charlton et al 1474 C); Survey of use in Ireland (Birchard 1457 N); *See also* Smoking
Tobacco companies Brazilian manufacturer fined over premature death of smoker (Csillag 1014 N); FDA and European powers to control and US President's statement (Gray and Doyle 890 C); Operations and interests shift to Africa (Kigotho 792 N); Pact with attorneys general undermines FDA's authority and need to reduce nicotine levels (1 E); Tobacco "deal" progress slow after US President's statement (940 N); US Congress reversal of previous funding decision for FDA (Rovner 792 N); US Congress support over tobacco crop insurance and rejection of funding for FDA to enforce rules (Rovner 346 N); *See also* Smoking
Tobacco industry Expansion by BAT Industries despite compensation deal and increase in smoking-attributable disease (303 E) (Broughton 890 C) (Gray and Boyle 890 C); Funding of research and Cancer Research Campaign draft code of practice against (1153 N); Philippines fear of being targeted (Easton and Wallerstein 126 N); *See also* Smoking; Tobacco companies
Tocolytic agent Magnesium sulphate and increased neonatal mortality (Bennett and Edwards 1491 Com) (Mittendorf et al 1517 R)
α-Tocopherol Effect on ischaemic heart disease (Leo and Lieber 667 C) (Shahar 667 C) (Violi and Iullano 667 C) (Rapola et al 668 C)

Tokyo Subway gas attack and inaccuracy (Woodall 296 C)
Tolcapone Bromocriptine *vs* levodopa-treated Parkinson's disease (Agid et al 712 R)
Tomatoes Consumption, protection against acute myocardial infarction (Larkin 1229 N)
Tongue Thick, correction to case report (Karsten et al 670 correction)
Tonsils Biopsy and new variant CJD diagnosis (Kawashima et al 68 C)
Topotecan Lung cancer treatment, congress report (Birchard 568 N)
Torsades de pointes Non-sedating antihistamines associated (Rankin 1115 Com)
Torture Israeli Medical Association's failure to confront, and time for suspension from international medical fraternity (Summerfield 63) (Mahler 669 C) (Malnick 669 C) (Prosor 669 C) (Summerfield 669 C) (Blachar 1247 C) (Summerfield 1247 C)
Total lymphoid irradiation Use in rheumatoid arthritis not justified (Rackoff and Feldman 752 Com)
Toxoplasmosis Outbreak associated with municipal drinking water (Johnstone 125 C (Bowie et al 173) (Bowie 1256 C)
Trace elements Intake monitoring by use of isotopes as tracers (conference) (Glass 1086 N)
Trachoma Reduction in Gambia without disease-control programme (Numazaki et al 447 C)
Training Reforms in UK ("Calmanisation") *see* "Calmanisation"; Specialists in Italy and conditions deplored (Simini 1829 N); *See also* Medical training
Trainspotting Excerpts from book (Calman 1623)
Tramadol Phenprocoumon interaction (Madsen et al 637 R) (Boejinga et al 1552 C) (Madsen et al 1552 C)
Transcription Gene therapy targeting system (Martin et al 1793 Com)
Transduction Gene therapy targeting system (Martin et al 1793 Com)
Transfer RNA Mutations and left ventricular dysfunction in diabetics (Shiotani et al 1254 C)
Transfusion medicine Review of developments in 1997 (Wildmann sIII 27)
Transient ischaemic attack Risk increased with dental infections (Larkin 789 N)
Transjugular intrahepatic portocaval shunt Application of interventional radiology (Thomson 356)
Transmissible spongiform encephalopathy EU research funding increase approved (Rogers 1233 N); Monoclonal antibody (15B3) developed for CJD diagnostic test (Moore 1373 N); *PrP* gene sequence homology between mule deer and Rocky Mountain elk (Červeňáková et al 219 C); *See also* Bovine spongiform encephalopathy (BSE); Creutzfeldt-Jakob disease (CJD)
Transmyocardial revascularisation (TMR) laser system FDA approval declined over missing data and unknown mechanism (Ault 420 N); NOGA system use with (Fishman 268 N)
Transplantation Conference organised by Gulf Co-operation Council (Kandela 574 N); Ethics of organ use from patients in permanent vegetative state (PVS) (Hoffenberg et al 1320); Eurotransplant liver allocation system (de Rave 1107 C); Organ bank in India (Kumar 500 N); Organs from executed prisoners for sale in China (Chelala 1307 N); Parathyroid using encapsulated parathyroid tissue (microencapsulation) (Hasse et al 1296 R); Peanut allergy transferred to recipient (937 N); Rejection *see* Graft rejection; Review of developments in 1997 (Henry sIII 28); Waiting list in France (Romano et al 372 C) (de Rave 1107 C); *See also specific organs/tissues*
Transurethral resection of prostate (TURP) World Congress report (Jack 788 N)
Trauma A & E treatment in UK headlines after TV documentary (Murphy 119 N); Chronic pancreatitis aetiology (Mergener and Baillie 1380 S); Counselling in refugee camps (Van Ommeren et al 595 C); Thoracic aortic lesions and stent-graft strategy for treatment (Carrel et al 1146 R); *See also* Injury
Travellers Giardiasis and costs of (Hardie et al 964 C)
Tremor Parkinson's, electrical stimulators approved by FDA for control of (Ault 501 N); In Parkinson's disease, alleviation by stimulation of subthalamic nuclei (Krack et al 1675 R)
Tretinoin Safety of first-trimester exposure (cohort study) (Shapiro et al 1143 R)
Trials *see* Clinical trials; Randomised controlled trials (RCT)
Triazolam (Halcion) Safety backed by FDA advisors (Ault 1760 N)
Trichomonas vaginalis Urethral infection and increased HIV-1 shedding (Jackson et al 1076 R)
Triglycerides Troglitazone effect on NIDDM (Hopkins 341 N)
Trimethoprim Aseptic meningitis and uveitis due to (Gilroy et al 112 R)
Trimethylamine Excess in fish-odour syndrome (Larkin 1684 N)
Trimmer, E (528 L)
Trinucleotide repeats Amplification, biological anticipation due to (Fraser 459 Com) (Petronis et al 1403 C)
Troglitazone Efficacy measured by insulin resistance index (Nagasaka et al 184 R); Insulin sensitivity increased and comparison with metformin (Hopkins 341 N); Irreversible liver damage (Ault 1451 N); Lipoprotein(a) increases due to (Matsumoto et al 1748 R); Withdrawal from UK market and alerts in US (Mingrone and Greco sIII 4) (Mitchell 1685 N)
Tropheryma whippelii Propagation in macrophage and pathogenesis of Whipple's disease (Fredricks and Relman 1262 Com)
Trophoblast Role in placental vascular remodelling (King and Loke 220 N)
Tropical countries Fieldwork and need for duplicate frozen samples (Theakston 68 C)
Tropical medicine Importance of *Plasmodium* spp. infections (Cook 813 C)
Trypanosoma cruzi Contaminated blood transfusions in Brazil (Csillag 1085 N)
Trypanosomiasis, African Epidemic in Southern Sudan (Kigotho 502 N)
T-scan FDA rejection for differentiation of malignant/benign breast lumps (Ault 1604 N)
Tsetse fly Eradication by gamma irradiation sterilisation (conference) (Glass 1086 N)
Tuberculosis Assessment of worldwide control (Raviglione et al 624) (Kumar and Jumar 1329 C); Cause of fever of unknown origin (Arnow and Flaherty 578 S) (Galanakis et al 1401 C) (Sood et al 1782 C); Constrictive pericarditis and (Bernabei et al 1782 C) (Chambers and Rimington 1782 C); Control in India and role of private doctors (Kumar and Kumar 1329 C); DNA vaccine tests (conference) (Abdulla 1604 N); DOTS therapy *see* Directly observed therapy (DOTS); In elephants (Furley 224 C); Evidence in Egyptian mummy (Nerlich et al 1404 C); Global burden and directly observed therapy programme (Kochi et al 142 C); High mortality in Central African Republic (Garin et al 1298 R); India's Revised National Tuberculosis Control Programme (Kumar 1689 N); International importance of problem (Cornwall 660); Multidrug resistant and global hot spots (Macready 1302 N); *Mycobacterium bovis* multidrug resistance and nosocomial transmission and mortality in HIV-infected patients (Guerrero et al 1738); New control programmes for Russia and cooperation with MERLIN (Banatvala 348 N); In prison population in Malawi (Nyangulu et al 1284); In Russia (Wares and Clowes 957 C); Social reforms and new drugs/vaccines needed (conference) (Abdulla 1604 N); Therapy compliance monitoring by isoniazid detection in urine (Elizaga and Friedland 1225 R); Transmission by contaminated bronchoscopes (Larkin 1009 N); WHO support for directly observed therapy but leadership needed for new control measures (Bloom et al 149 C)
Tuberculous mediastinal adenopathy Cause of fever of unknown origin (Sood et al 1782 C)
Tumour Temporal maps of genetic changes in development (conference) (Bradbury 869 N); Tumour suppressors $p19^{ARF}$ and $p16^{INK4a}$ actions (Wunsch 1684 N); *See also* Cancer
Tumour necrosis factor (TNF) Inhibition of production in fetus by fetuin (Wang et al 861 R)
Tumour necrosis factor-α (TNF-α) CA2 monoclonal antibody trial in Crohn's disease (1148 N); Inhibition by thalidomide in Crohn's disease (Wettstein and Meagher 1445 R)
Tumour suppressors *BRCA1* gene *see BRCA1* gene; $p19^{ARF}$ and $p16^{INK4a}$ and mechanism of action (Wunsch 1684 N)
Turkey Hunger strike update (Reiner 587); Intestinal amoebiasis overdiagnosed (Doganci et al 670 C) (Hohenschild 1034 C)
Turmeric patent Indian government successful in case with US (Kumar 724 N)
Twins Breast and testicular cancer risk, prenatal/genetic aetiology (Swerdlow et al 1723); Differences in phenotypic expression of *BRCA1* gene mutation (Diez et al 713 R); Genetic basis of bad behaviour (McGuffin and Thapar 411 R) (Harding 885 C); Surrogate (Italy) (Simini 1307 N)
Typhoid Mass vaccination required in Kenya (1524 N)
Tyrolean "Iceman" Adipocere identified by infrared (Sharp 191 N)
Tyrosinase T-cell target in melanoma and relationship to vitiligo (Song 82 Com)

U

Uganda Antibiotic moratorium requested for survey on inappropriate dispensing (Kigotho 1014 N); Bacterial vaginosis and HIV transmission link (Mayaud 530 Com) (Sewankambo et al 546) (1036 correction) (Ledru et al 1251 C) (Ugwumadu et al 1251 C) (Gray et al 1780 C); Cross-border strategies to combat cholera epidemics (Kigotho 1457 N); HIV disease progression rates and AIDS-defining disorders (Morgan et al 245); HIV prevalence decline (Kigotho 1456 N); Trial for reduction of vertical transmission of HIV-1 (Kigotho et al 1683 N)
UK (Jewell et al 48) (Rees 670 C); Biotechnology companies (Mitchell 270 N) (964 correction) (Maruhn 1035 C); Clinical research (Vallance 52) (Rees 670 C); European Convention on Human Rights to be incorporated into law but shortcomings over psychiatric hospital discharge procedures (Rogers 1306 N); Health inequalities recognised by Office of National Statistics supplement (Scott-Samuel 753 Com); HHV-8 and multiple myeloma association not found (MacKenzie et al 1144 R); Hopes and aspirations of new generation of academic clinicians (Savill 58) (Rees 670 C); Increased sudden infant death syndrome (SIDS) rate (718 N); Independent testing of Gulf War veterans (Mitchell 793 N); Medical education (Green and Tomlinson 50); Medical research (Lane 51); MRC funding of research (Radda 54); New variant CJD incidence (416 N); NHS *see* National Health Service (NHS); Nuclear test veterans angered by Prime Minister's letter (Baggs 649 N); Paracetamol restrictions (724 N); Public health and epidemiology (Khaw 53); Public understanding of biomedical advances (Radford 55); Terfenadine as prescription-only drug (724 N); "Tough on smoking" policy (Mitchell 195 N); *See also* London (dispatches)
UK Abortion Act (1967) Anniversary (1335 E); Campaign for extension to Northern Ireland (Birchard 1377 N)
UK National Committee of Inquiry into Higher Education (Sir R. Dearing) report on new funding proposals for higher education (Remuzzi and Schieppati 308 Com) (Mitchell 348 N)
UKPDS 25 Islet-cell cytoplasm and GAD autoantibodies in prediction of insulin requirement in NIDDM (Turner et al 1288)
Ulcers Peptic *see* Peptic ulcers; Skin, in pyoderma gangrenosum (Powell et al 1720 Com)
Ultrasound Cystourethrography *vs* to exclude vesicoureteric reflux in infants (Postlethwaite and Wilson 1567 Com); In developing countries (Mindel 426) (Mindel 427) (Hoyer and Weber 1330 C) (Simini 1330 C); Down's syndrome detection by fetal nuchal translucency test *see* Fetal nuchal translucency test; Non-invasive therapeutic of heart (conference) (Fishman 268 N); Pelvic, water intoxication in and Addisonian crisis due to (case report) (Devendra et al 780); Value of assessment of pretest probability of deep vein thrombosis (Wells et al 1795)
Ultraviolet light A-1 (UVA-1) phototherapy Induction of matrix metalloproteinase 1 (MMP-1) in morphea fibroblasts (Gruss et al 1295 R)
Umbilical cord blood Deliberate conception for and ethical considerations (Warwick 297 C)
Umbilical cord prolapse With posterior placenta praevia (Uchide et al 1448 R)
UNAIDS *Report on the Global HIV/AIDS Epidemic* (Morris 1683 N)
Unemployment Cognitive behaviour therapy effect on reducing (McManus 80 Com) (Proudfoot et al 96); Of doctors in Italy (Simini 1528 N); *See also* Employment; Work
UNICEF Integrated management of childhood illness (von Mühlendahl sIII 19) (Costello 1266 Com); Poor cost-effectiveness of vertical programmes (Bosseyns 1783 C); Report on poor sanitation in world (Nelson 194 N)
United Nations Earth Summit, "sobering" message (Ivker and Hamilton 42 N); Gaza warning (McGregor 650 N); Human rights team expansion (Birchard 500 N); US dues bill dropped together with family-planning funding ban (Rovner 1608 N)
United Nations Commission on Human Rights M. Robinson's appointment (Birchard 347 N) (Birchard 500 N)
United Nations Population Fund (UNFPA) Executive director (N. Sadik) as candidate for WHO Director General (McGregor 1308 N)
Urban areas Agenda for Europe and Urban Forum's priorities (McCarthy 1722 Com); "Bottom-up" approach to improve health of poor (Rowe 942 N)
Urban Forum Priorities for 1998 (McCarthy 1722 Com)
Ureteric reflux *see* Vesicoureteric reflux
Urethra *Trichomonas vaginalis* infection and increased HIV-1 shedding in semen association (Jackson et al 1076 R)
Urinary sediment Fixation (van der Snoek and Koene 933 R)
Urinary tract infection *Escherichia coli* evasion from

antibiotics by entering macrophage (1080 N); Prevention by screening of infants for vesicoureteric reflux (Verrier Jones 380 Com) (Scott et al 396) (Blumenthal 1030 C) (Matthews 1031 C) (Scott et al 1031 C)
Urine Acute retention in benign prostatic hyperplasia and drug therapy (Neal 305 Com)
US Abortion restrictions to increase (Rovner 502 N); AIDS Drug Assistance Programs and cost-containment by (Firshein 195 N); Alendronate prescribing for osteoporosis (Rosen 1340 Com); Antiretroviral drugs for low-income HIV-positive patients not possible through Medicaid (Rovner 1759 N); Ban on genetic discrimination endorsed (Rovner 272 N); Biotechnology companies (Mitchell 270 N) (964 correction) (Maruhn 1035 C); Budget bill (Rovner 40 N) (Rovner 502 N) (Rovner 573 N); Budget bill and reshaping and funding of Medicare (Rovner 421 N); Cancers associated with nuclear bomb test fallout (McCarthy 415 N); Cigarette promotional items (CPIs) bans would work (Bonn 1831 N); Congress support for tobacco companies over keeping tobacco crop insurance and rejection of funding for FDA (Rovner 346 N); *Cyclospora cayetanensis* outbreaks (Ault 343 N); Dengue spread from Cuba and Cuban control measures and information release (455 E); Family-planning funding ban dropped together with UN dues and IMF programme funding (Rovner 1608 N); FDA overhaul bill passed by House of Representatives (Rovner 1153 N); Geriatric assessment (Schrol 604 Com); Gulf War Presidential Advisory Committee's critical report of Pentagon and recommendations for veterans (Greenberg 793 N); Health care budget boost but restrictions on abortion funding and needle-exchange programmes (Rovner 1529 N); Health care changes in budget Bill (Rovner 40 N); Health care costs and coverage (Firshein 1456 N); Health inequalities linked to race and income (Mitchell 420 N); Health-friendly spending bill approved (Rovner 940 N); HIV transmission prevention in homosexual men by community-level intervention (trial) (Kelly et al 1500); HIV-positive patients to be identified (Mitchell 1306 N); Hospitals to receive payments to train fewer doctors (Firshein 723 N); Human genetic differences to be studied by panel and cautions (McCarthy 1306 N); Hyde amendment to budget bill banning federal funding for abortions (Rovner 573 N); Internal medicine and future directions (1641 E); Limitation of FDA authority on nicotine not supported by President (Rovner 195 N); MBAs for physicians (Kuo 828 Com); Medicaid changes in budget bill (Rovner 502 N); Medical privacy bill and Congress deadline (Mitchell 1378 N); Medicare director confirmed by Senate (Rovner 1529 N); "Mexico City" policy barring aid for family planning reinstated (Rovner 793 N); Non-small-cell lung cancer management guidelines (Bonn 417 N); Non-smoking customers for bars/clubs (Bonn 1831 N); Nursing home health care improvements (Morris 420 N); Physician-assisted suicide ruled against by Supreme Court (Firshein 40 N); Police brutality (Kirschner 1395); Post Office surcharge on stamps to fund breast cancer research (377 E) (Goodman 1101 C) (Bodai 1102 C); Proposals to protect patient's privacy exclude law enforcement authorities (823 E); Provision allowing doctors private contract with Medicare patients to be revised (Rovner 1378 N); Recall of anti-obesity drugs (fenfluramine and dexfenfluramine) (Ault 867 N); Regional variation in intensive care and place of death for elderly (1228 N); Sarin exposure of Gulf War soldiers (McCarthy 346 N); School of the Americas closure demanded after accusation of training of human-rights abusers (Chelala 1530 N); Surgeon General, nomination of D. Satcher and difficulties (Greenberg 1687 N); Surgeon General nomination, role and politicisation (1489 E); Surgeon General post to be filled and nominees (872 N); Survey on views on managed-care companies and Congress effects to impose regulation (Rovner 1456 N); Teenage family planning retained by House of Representatives (Rovner 872 N); Tobacco companies' pact with attorneys general (1 E); Tobacco "deal" progress slow after President's statement (940 N); Tobacco decision on funding (for enforcement laws) reversed by Congress (Rovner 792 N); Tobacco industry expansion despite compensation deal and increase in smoking-related deaths (303 E) (Broughton 890 C) (Gray and Boyle 890 C); Turmeric patent case lost to Indian government (Kumar 724 N); Unnecessary prescribing of antibiotics and NSAIDs (Bonn 869 N); *See also* Washington (dispatches)
US Department of Agriculture (USDA) Beef recall after *Escherichia coli* 0157 contamination and development of *E coli* test (Ault and Morris 567 N)
US Global Climate Coalition (Sharp 1646 Com)
Uveitis Trimethoprim-induced (Gilroy et al 112 R)
Uvula Necrosis, as endotracheal intubation complication (Harris and Kumar 1820 R)

V

Vaccine Biotechnology investment by Canadian government (Kondro 42 N); Design and evaluation (Anderson et al 1466); Development, factors influencing (Levine and Levine 1386); Effectiveness monitoring (Levine and Levine 1391) (Anderson et al 1468); EU research funding increase approved (Rogers 1233 N); Implementation and continued use, factors influencing (Levine and Levine 1386); Mucosal immunity stimulation and M cells' role (Featherstone 1230 N); For non-infectious diseases (Katz 1770); *See also* Immunisation; *individual vaccines*
Vaccine series (Horton 1192 Com) (1484 correction); Applications of molecular microbiology (Moxon 1240); Future vaccines and global perspective (Katz 1767); HIV vaccine requirements (Bangham and Phillips 1617); Host immunobiology and vaccine development (Nossal 1316); Influence of disease burden and public perception on vaccine development/use (Levine and Levine 1386); Malaria vaccine development (Kwiatkowski and Marsh 1696); Rotavirus vaccines against diarrhoeal disease (Vesikari 1538); Vaccine design/evaluation and community-based use (Anderson et al 1466)
Vagina *Escherichia coli* colonisation and link to preterm birth, premature concerns (Pearlman and Faix 531 Com); HIV shedding and factors influencing (Mostad et al 922)
Vaginal flora Abnormal and HIV transmission association (Mayaud 530 Com) (Sewankambo et al 546) (1036 correction) (Ledru et al 1251 C) (Ugwumadu et al 1251 C) (Gray et al 1780 C)
Vaginosis, bacterial HIV transmission in developing countries and role of screening/management (Mayaud 530 Com) (Sewankambo et al 546) (1036 correction) (Ledru et al 1251 C) (Ugwumadu et al 1251 C) (Gray et al 1780 C); In pregnancy (Dayan 1303 N)
Valvular heart disease Chinese herbs associated (Vanherweghem 1858 C); Fenfluramine and phentermine associated and FDA warning (Ault 189 N) (Ault 501 N); Fenfluramine and phentermine associated and recall in US (Ault 867 N)
Vancomycin Decreased susceptibility of *Staphylococcus aureus*, conference report (LeDuc and Hughes 1081 N); *Staphylococcus aureus* resistance detected in Japan (Tabaqchali 1644 Com) (Hiramatsu et al 1670); *Staphylococcus aureus* resistance not yet detected (Speller et al 323) (Namnyak 1326 C)
Vancomycin-resistant enterococci Bacteraemia and low virulence (Jumaa et al 738 C); Risk factors, control and new therapies (Humphreys and Keane 737 C) (Jumaa et al 738 C) (Woodford et al 738 C) (Hoeffler and Zimmermann 739 C) (Nelson 1327 C); Teicoplanin treatment (Frankel 1081 N); In vegetarians (van den Braak et al 146 C)
Vancouver Group Definition of authors and publication of contributions of authors to research (Horton 5 Com) (Goodman 523 C) (Rennie 1035 C)
Vanishing bone disease (Gorham's disease) α-2b interferon and oral clodronate (Hagberg et al 1822 R)
Variable life-adjusted display (VLAD) Assessment of result of cardiac surgery (Sergeant and Meyns 1114 Com) (Lovegrove et al 1128)
Variceal haemorrhage (Stanley and Hayes 1235 S); Management and prevention of rebleeding (Stanley and Hayes 1236 S); Sclerotherapy efficacy improved by early somatostatin (ABOVE trial) (Avgerinos et al 1495)
Vascular dysfunction In diabetes mellitus (Feener and King sl9)
Vascular endothelial growth factor (VEGF) Gene therapy in leg ischaemia (McCarthy 1451 N); Placental hypoxia response (Ahmed and Kilby 825 Com)
Vascular gene therapy In peripheral artery disease (McCarthy 1451 N)
Vascular involvement Whipple's disease (case report) (Hastier et al 1362)
Vasculitis Henoch Schönlein purpura and influence of age (Lahita 1116 Com); Hypersensitivity *see* Hypersensitivity vasculitis
Vatican Medical ethics and human rights revised guidelines (Simini 874 N)
Vectors Viral, safety concerns over use in gene therapy (79 E)
Vegetarians Vancomycin-resistant enterococci in (van den Braak et al 146 C)
Venous grafts Vascular smooth muscle proliferation inhibition by gene therapy (McCarthy 1451 N)
Venous thromboembolism Combined oral contraceptives causing and deaths from (Price 450 C); Low risk with oral contraceptives, WHO meeting report (Spitzer 1566 Com); Warnings of risk with third-generation oral contraceptives premature (Szarewski 497 N)
Venous thrombosis Risk with third-generation oral contraceptives and EMEA evaluation (Alexandre and Strandberg 290 C); *See also* Deep-vein thrombosis
Ventilation In prone position and treatment of acute lung injury (Sandham sIII 3) (Gattinoni et al 815 C) (Lavender and Peters 1177 C); Total liquid and partial liquid (Sandham sIII 3)
Ventricular pacing Atrial pacing comparison in sick-sinus syndrome (trial) (Andersen et al 1210) (Gibbs et al 1780 C)
Ventricular remodelling In dilated cardiomyopathy (Carpentier 456 Com) (Angelini et al 489 R) (Komamura and Miyatake 1327 C) (Chanda et al 1705 C) (Barsotti et al 1706 C) (Bestetti 1706 C) (Kaisers et al 1706 C)
Vertebrae Bone mass increase, parathyroid hormone effect in postmenopausal women with osteoporosis on HRT (Lindsay et al 550); Fracture reduction, parathyroid hormone effect in postmenopausal women with osteoporosis on HRT (Lindsay et al 550); Fracture reduction by etidronate *vs* alendronate in osteoporosis (Rosen 1340 Com)
Very low-density lipoprotein (VLDL) In NIDDM (Syvänne and Taskinen sl21); VLDL-R association with presenilin-1/-II in early-onset Alzheimer's disease (Brookes et al 336 R) (Singleton et al 958 C) (Korovaitseva et al 959 C)
Very-low-birthweight infants Fertility therapy association (Moore 1080 N)
Vesicoureteric reflux Exclusion in infants by ultrasonography *vs* cystourethrography (Postlethwaite and Wilson 1567 Com); Screening of infants and urinary tract infection prevention (Verrier Jones 380 Com) (Scott et al 396) (Blumenthal 1030 C) (Matthews 1031 C) (Scott et al 1031 C)

Viewpoint

Failure to implement mass vaccination against group A meningococcal meningitis in Africa (Robbins et al 880)
General Practice Research Database (UK) (Walley and Mantgani 1097)
Generalisation from phase III clinical trials (Fayers and Hand 1025)
Malarone-donation programme in Africa and concerns over (Bloland et al 1624)
Osler, W. and Ernulf's curse for book theft (Neelon 1245)
Reference-point problems and interpretation of clinical trials (Asch and Hershey 1393)
Terathanasia as explanation for protective effect of folic acid against birth defects (Hook and Czeizel 513)
"Underpowered" trials not necessarily unethical (Edwards et al 804) (1636 correction)

Villous atrophy Autoimmune enteropathy in adults with (Corazza et al 106) (Mirakian et al 959 C) (Biagi and Corazza 960 C)
Violence Against women, UNICEF report (Nelson 194 N); Algeria (Kandela 345 N) (Kandela 1083 N); Legal action over syringe attacks in Ireland (Birchard 1607 N); In Rio de Janeiro and fears of doctors (Csillag 126 N); Transformation of nonviolent individuals into repetitive killers (syndrome E) (Fried 1845)
Viracept Confusion with other drugs (Raffalli et al 887 C)
Viral infections EU research funding increase approved (Rogers 1233 N)
Viramune Confusion with other drugs (Raffalli et al 887 C)
Virtual endoscopy Advances and applications (Lehmann 1755 N)
Vision Loss, in Behçet's disease (case report) (Grimbacher et al 1818); Loss in diabetics (Klein and Klein 199 S)
Visual neglect In art (Halligan and Marshall 139)
Visuospatial impairment In art (Halligan and Marshall 139)
Vitamin A Deficiency (West and Hautvast sIII 15); Deficiency, risk factor for shedding of HIV-1 infected cells from cervix and vagina (Mostad et al 922); Supplementation, effect on antibody response to measles vaccine and vindication of policy (Ross and Cutts 81 Com) (Benn et al 101) (Semba 1031 C)
Vitamin D receptor Candidate gene for bone homeostasis control (Greenfield and Goldberg 1263 Com)
Vitamin E Deficiency, role in anaemia development in cystic fibrosis (Savasan et al 295 C)
Vitamins Intake monitoring by use of isotopes as tracers (conference) (Glass 1086 N); Supplements

associated with reduced colon cancer risk (Macready 1452 N)
Vitiligo GTP-cyclohydrolase I gene mutations (de la Fuente-Fernández 640 R) (Schallreuter and Blau 1254 C); Melanoma relationship and role of tyrosinase in pathogenesis (Song 82 Com)
Vocal cords Haematoma after thrombolysis (Laing et al 1677 R)
Volume expansion Bufenolide detection in plasma and role in sodium pump regulation (Wright et al 409 R)
Vomiting Control in acute porphyria by metoclopramide (Elder et al 1104 C) (Gorchein 1104 C); Cyclic syndrome associated with mitochondrial DNA mutations (Boles et al 1299 R)
von Hippel-Lindau syndrome Molecular biology (Larkin 1756 N); VHL protein and genes, mechanism of renal cancer (Larkin 1756 N)
VRSA (vancomycin-resistant *Staphylococcus aureus*) strains (Tabaqchali 1644 Com) (Hiramatsu et al 1670)

W

Waiting lists Hospitals (UK) (Hamblin et al 1493 Com) (Dean 1607 N); Transplantations in France (Romano et al 372 C) (de Rave 1107 C)
Wakley Prize (1997) Applications (Horton 160); Awarded to Karlawish, J (Horton 1794 Com); Essay (Karlawish 1833)
Wakley, T (1866 L)
Wallace, S (1640 L)
Wallenberg's syndrome In child after hyperextension of neck from rope swing (case report) (Toelle et al 1516)
War Hostility and stress as risk factor for coronary heart disease (Gill and Bell 1247 C); *See also specific wars/countries*
Warfarin DuPont Merck petitioning of FDA over generic drug from Barr Laboratories (Ault 501 N); Low-dose with low-dose aspirin (combined therapy) *vs* aspirin after myocardial infarction (Coumadin Aspirin Reinfarction Study (CARS) Investigators 389) (Peverill et al 1177 C)
Warner-Lambert Alert issued over troglitazone hepatotoxicity (Mitchell 1685 N)
Washington (dispatches) Academic health centres under strain due to managed care (Greenberg 193 N); "Balanced budget dividend" and funding for scientific research (Greenberg 1375 N); Congressional innovation to increase biomedical research funding (Greenberg 791 N); Eastman Kodak but not public health agencies warned of nuclear tests during Cold War (Greenberg 1083 N); Federal buildings declared "smoke-free" (Rovner 571 N); Rejection of nominations for top health posts and Surgeon General position (Greenberg 1687 N); Research abuse of informed consent regulations for drug trials in psychiatric patients (Greenberg 1083 N)
Waste Clinical, management principles and disposable syringes failure (Battersby 449 C)
Water Chlorinated, chloroform byproduct and cancer link (Morris 567 N); Diffusion changes in status epilepticus (Wieschmann et al 493 R); Drinking *see* Drinking water; Drinking, toxoplasmosis outbreak associated in Canada (Johnstone 125 C) (Bowie et al 173) (Bowie 1256 C); Intoxication, Addisonian crisis due to secondary adrenocortical failure and (case report) (Devendra et al 780); Iodination, effect on infant mortality in iodine-deficient areas of China (DeLong et al 771) (Ronsmans et al 1481 C) (DeLong and Leslie 1482 C) (Pharoah 1482 C); Retention in hypothyroidism and role of arginine-vasopressin (Hanna and Scanlon 755 Com) (Croal et al 1402 C); Spring, lithium level causing psoriasis flare-up (Hanada et al 1522 R)
Waxwork exhibition (Murphy 1864)
Weaning Effect on late postnatal transmission of HIV (Van de perre et al 221 C)
Weber, J (302 L)
Weight Low in women, osteoporosis risk link (Macready 1524 N); Routine weighing of children and exception to inverse care law (Wright 642 R)
Weight gain Diabetes risk associated per kilogram increase (496 N); Postmenopausal and breast cancer risk (Bonn 1371 N)
Weil, A. Integrated medicine goals (Horton 1374 N)
Wellcome Trust Biomedical research funding increased in Ireland (Birchard 792 N)
Werner syndrome Pioglitazone-reduced insulin resistance (Imano et al 1365 R)
West Africa Eradication of endemic goitre by use of iodised rapeseed oil (Ingenbleek et al 1542)
Wheeze Prevalence in rural/urban Ethiopia in relation to atopy (Yemaneberhan et al 85) (Matthews and Pegge 957 C)
Whipple's disease Pathogenesis and propagation of *Tropheryma whippelii* in macrophage (Fredricks and Relman 1262 Com); Vascular involvement and humeral artery obstruction (case report) (Hastier et al 1362)
Whitehall Study Job control and psychosocial work environment influencing coronary heart disease incidence (Syme and Balfour 231) (Marmot et al 235) (White 1404 C) (Marmot et al 1405 C)
Whitehead Institute Symposium On infectious disease (Wunsch 1372 N)
Whooping cough *see* Pertussis
Wilkie, T. (1716 L)
Williams, J Nobel Peace Prize awarded (1153 N)
Willis, T. Exhibition of books on (1559)
Wine Cardioprotection (Larkin 645 N)
Winter Mortality in Europe associated with cold exposure (MacKenzie 590 C) (Bobak 591 C) (Keatinge and Donaldson 591 C) (Mather et al 591 C)
Women Disease-specific mortality and communication on risks (1563 E); Doctor charged over assaults to, in Ireland (Birchard 1378 N); Inclusion in antiretroviral agent trials for HIV/AIDS (Mangino and Fass 150 C); Low body weight and premature greying linked to osteoporosis risk (Macready 1524 N); Placebo group abandoned in AZT alternative regimens trial in Ethiopia (Kigotho 1831 N); Prevalence of obesity in Austria (Kinzl 1634 C); Psychosocial rehabilitation after myocardial infarction (Irving 457 Com) (Frasure-Smith et al 473) (Lewin et al 1400 C) (McGee and Horgan 1400 C) (Frasure-Smith and Lespérance 1401 C); Reproductive rights denied in African countries (Crowe 722 N); Scepticism over proposed law on psychological abuse in Israel (Fishman 572 N); Violence against, UNICEF report (Nelson 194 N)
Women's health US White House advisor (Greenberg 1687 N)
Woodall, J. ProMED-mail established and role (Mitchell 1610 N)
Work Effect of downsizing of companies on health of employees (Vahtera et al 1124); Lack of control at, CHD incidence and mortality relationship (Davey Smith and Harding 1369 R); Overtime and cardiac autonomic activity in Tokyo (Kageyama et al 639 R); Psychosocial environment and job control influencing coronary heart disease incidence (Syme and Balfour 231) (Marmot et al 235) (White 1404 C) (Marmot et al 1405 C); Safe/healthy, recommendations for international standards in *Social Accountability 8000* document (1187 E); *See also* Employment
Working hours Plan for inclusion of junior doctors in EU Directive on Working Time (272 N); Restrictions for junior doctors in UK (Barber 974 Com) (Alberti and London 1850 C) (Allison et al 1850 C) (Goodman 1850 C) (Alexander 1851 C) (Elkeles 1851 C) (Hobbs 1851 C) (Calman 1852 C) (Daggett 1852 C)
Working mothers Increased cortisol excretion (269 N)
World Association for Disaster and Emergency Medicine Conference and need to improve emergency care (Healing 1012 N)
World Bank HIV and AIDS priorities (McGregor 1456 N); Oil-pipeline project with integrated HIV transmission prevention interventions (Kigotho 1608 N); Strategy paper and objectives for new decade (Buse et al 1494 Com); Structural adjustment policy criticised at meeting in India (Kumar 1233 N)
World Cancer Research Fund (WCRF) Report and recommendations on cancer prevention (Morris 1007 N)
World Health Organization (WHO) Call for action against cholera in Africa (Kigotho 650 N); Director General candidacy by E. Samba (Kigotho 1378 N); Director General candidacy by S. Sadik (McGregor 1308 N); Director General candidacy by Sir G. Alleyne (Bradbury 1830 N); Director General candidates (McGregor 1085 N); Director General candidates short-listed (McGregor 1687 N); Director-General candidates, support for and debate on reform agenda (750 E); Election of new Director-General and need to renew commitment to health (749 E) (Jenkins et al 1480 C) (Navarro 1480 C); Eradication of infectious disease policy (Gwatkin 141 C); Europe-wide attack on tobacco (Mitchell 940 N); Focus shift to non-communicable diseases (Mittra and Naresh, sIII 17); Growth charts and publication of references figures for mid-upper-arm circumference (Macfarlane 150 C); Integrated management of childhood illness (von Mühlendahl sIII 19) (Costello 1266 Com); Leprosy elimination programme (McGregor 347 N) (1717 E); Low cost-effectiveness of polio eradication programmes (Bosseyns 1783 C); Need to improve quality control of essential drugs (601 E) (Arya 1106 C) (Lauridsen 1106 C) (Quick and Bremer 1106 C) (Dunne 1712 C); Open letter to Executive Board (from *Lancet*) and questions for Director-General candidates 751; Oral contraceptives and balanced view of risks (Spitzer 1566 Com); *Report on the Global HIV/AIDS Epidemic* (Morris 1683 N); Safe injections criteria and disposable syringes' failure (Battersby 449 C); Support for directly observed therapy of TB but leadership needed for new control measures (Bloom et al 149 C); Taiwan's observer status opposed (Chen-Yuan 449 C) (Lee 1107 C); Unreliable reporting of fevers by carers in Africa and recommendations (Einterz and Bates 781 R) (Konotey-Ahulu 1549 C) (Morgan et al 1549 C) (Dunyo et al 1550 C) (Tahzib 1550 C); Xenotransplantation meeting (McGregor 1378 N)
World Medical Association Human rights and democracy promoted (Durand de Bousingen 1530 N); Proposed topics for 50th meeting (Morris 1530 N)
World War II French Medical Association apology to Jewish community (Durand de Bousingen 1153 N)
World Wide Web *see* Internet
Worrying Right hemisphere of brain and (1303 N)
Wound Healing accelerated in postmenopausal women by oestrogen (McCarthy 1301 N)
Wound healing Growth factors in saliva (Playford and Macdonald 369 C); Neural innervation role (Richards et al 339 R)
Wuchereria bancrofti Field trial of rapid card test (Freedman et al 1681 R); Microfilaraemia, albendazole and ivermectin alone *vs* combined therapy (Addiss et al 480) (1036 correction)

X

Xenon chloride excimer laser Psoriasis therapy (Bónis et al 1522 R)
Xenotransplantation Novartis Foundation debate on problems (Abdulla 368 N); Prospects damaged by evidence of C-type retroviruses in pig germline (Mitchell 1148 N); WHO meeting (McGregor 1378 N)

Y

Yeast two-hybrid screen technique Prion protein receptors detected (Bradbury 1603 N)
Yemenite children Evidence of scandal (Fishman 649 N)
Yersinia pestis Lowson, J.A.'s role in discovery (Solomon 59); Multidrug resistant in Madagascar (Bonn 788 N)

Z

Zafirlukast Churg-Strauss syndrome associated with (McCarthy 342 N)
Zambia Childhood pneumonia and rickets association (Smyth and Broderick 811 C)
Zidovudine Ethics of trial in Côte d-Ivoire to prevent vertical transmission of HIV (Feinmann 1084 N); Placebo group abandoned in alternative regimens trial in Ethiopia (Kigotho 1831 N); Resistance and comparison of combination therapy *vs* monotherapy (Katzenstein 970 Com) (Brun-Vézinet et al 983) (1712 correction); Vertical transmission of HIV prevention (Rowe 788 N); Vertical transmission of HIV-1 reduced (trial) (Kigotho et al 1683 N)
Zimbabwe Women denied reproductive rights (Crowe 722 N)
Ziprasidone Dose range (372 correction)
Zolpidem In Parkinson's disease (Lavoisy and Marsac 74 C)
Zombification Clinical findings (Littlewood and Douyon 1094)

AUTHOR INDEX

References and abbreviations

C	correspondence	N	news
Com	commentary	P	poetry
Es	essay	R	research letters
L	lifeline	S	seminars
M	media reviews		

Page numbers beginning sI refer to pages in Supplement 1 (July 1997) - Diabetes and the heart
Page numbers beginning sII refer to pages in Supplement 2 (October 1997) - Asthma
Page numbers beginning sIII refer to pages in Supplement 3 (December 1997) - Review 1997

A

Aaby P 101 1546 C
Abdulhamid I 295 C
Abdulla S 190 N 868 N 1148 N 1604 N
Abe T 1705 C
Aberer W 1551 C
Abeywickrama K 1193 1484 correction
ABOVE Study Group 1495
Abrahamson E 1445 R
Acerini C L 1199
Acheson A G 964 C
Acosta C J 844
Acton P D 490 R
Ad Hoc Group for the Study of Pertussis Vaccines 1569
Ada G 153
Adams M A 734
Addiss D G 215 C 480 1036 correction
Adegbola R 524 correction
Adler F 1639 P
Agarwal G 819 M
Agarwal V 1782 C
Agid Y 712 R
Agovino T 1757 N
Aguzzi A 1519 R
A'Hern R 370 C
Ahmed A 826 Com
Aibar C 1295 R
Aitken R J 800
Akabayashi A 124 N
Al Zahrani A 365 C
Al-Ali F 1702 C
Al-Mazrou Y 751
Al-Sarraj S 187 R
Albert J 562 R
Albert M L 116 R
Albert T 672 822
Alberti G 1561
Alberti K G M M sI1 1850 C 1852 C
Albillos A 1397 C
Albisetti M 1516
Alderman M H 1702 C
Aldrich J 280
Alessandri C 1222 R
Alexander B 1851 C
Alexander F E 1414 Com
Alexander H 1711 C
Alexander W S 597 M
Alexandre J M 290 C
Ali Elzein H 715 R
Alderidge P 1258
Alli C 1633 C
Alliot L 1636 C
Allison S P 1850 C
Alm J S 400
Alonso M C 713 R
Alonso P 1295 R 1546 C 1856 C
Alonso P L 844
Althaus N 1626 C
Althaus U 1146 R
Altmeyer P 1295 R
Amaducci L 518 C
Ambrosioni E 15
Amer M 116 R
Amiodarone Trials Meta-Analysis Investigators 1417
Amiot P 1193 1484 correction
Amor J S 751
Amos T 143 C
Amyes S G B 783 R
Andel M 214 C
Anders M W 1249 C
Andersen H R 1210
Anderson C 636 R
Anderson D R 1795
Anderson G M 1750 R
Anderson R M 1466
Anderson T J 962 C
Ando M 593 C
Ando Y 593 C
Andrassy K 563 R 1552 C
Andreani M L 106
Andreason N C sIII 22
Andreolli V 672
Andronikou S 1401 C
Anestad G 1028 C
Angelini G D 489 R 1706 C
Anis A 1406 C
Ankum W M 774 1555 C
Annereau J P 711 R
Ansorge S 1478 C
Antes G 326
Anthony D 1483 C
Antó J M 458 Com
Aoki K 447 C
Aoyagi T 818 correction
Apekina N 781 R
Aponte J J 844
Appleby L 143 C
Aquilina J W 1176 C
Arabidze G G 757 1636 correction
Arai H 1002 R
Arai Y 1831 N
Arango-Jaramillo S 256
Ardissino D 298 correction
Ariëns R 298 correction
Arita M 1821 R
Aritaka N 1670
Armstrong A L 1272
Armstrong R 1005 R
Arnow P M 575 S
Arora S 1142 R
Arranz M J 412 R 1033 C
Artese L 1655
Arthur R J 522 C
Arya S C 1106 C
Asch D A 1393
Asensio A 1738
Ashikaga T 1821 R
Asrat T 183 R
Assaf C 1776 C
Aström G 1822 R
Atkins C D 808 C 1484 C
Atkinson A L 958 C
Atkinson G 1611 S
Atterstam I 643 N 937 N 941 N
Aubry M C 339 R
Auckett A 1446 R
Ault A 125 N 189 N 267 N 268 N 343 N 346 N 416 N 420 N 421 N 497 N 501 N 567 N 573 N 648 N 867 N 873 N 942 N 1079 N 1084 N 1371 N 1451 N 1604 N 1690 N 1760 N
Aurup P 1854 C
Austin T 1445 R
Autret E 339 R
Avanzini F 1633 C
Avgerinos A 1495
Avigad S 1679 R
Avilés J 714 R
Avnun L 1747 R
Awuonda M 723 N 873 N 1830 N
Ayiett M 1633 C
Aziz Q 686
Azzani T 524 correction

B

Baadsgaard O 1264 Com
Baba T 224 correction
Babiker A 1546 C
Babul N 1358
Bach J F sIII 11 1511
Badaro R 1546 C
Bagger J P 521 C
Baggs A 649 N
Baiget M 713 R
Baillie J sIII 7 1379 S
Baird D T 275 S
Baird J K 1855 C
Baldereschi M 518 C
Balé C 101
Balfour J L 231 Com
Balkau B 1680 R
Ball S G 367 C
Bamber R W K 908
Banatvala N 348 N
Bandmann O 1136
Bang J 697
Bangham C R M 1617
Bar-Am I 1679 R
Barakamfitiye D 1709 C
Barber J 1781 C
Barber P 974 Com
Bárcena Marugán R 714 R
Bardham M 964 C
Barendregt J J 142 C
Barer D 440 C
Barg J 932 R
Barguès G 635 R
Barker D J P 1131
Barkwell R 215 C
Barlassina C 524 correction
Barnes S 971 Com
Barnum S 892 correction
Barraclough C R 903
Barratt C L R 961 C
Barrett A 161
Barros F 1546 C
Barsotti A 1706 C
Barthe J 711 R
Barton P 1439
Bartram C I 375
Basco L K 224 C
Basili S 1222 R
Basset L W 525
Bastida J L 680 Com
Basu J A 891 C
Bateman D E 866 R 903
Bateman D N 447 C
Bates C 1642 Com
Bates D 903
Bates J 738 C
Bates M E 781 R
Batjer H H 77
Battersby A 449 C
Battu V R 1100 C
Bauerfiend P 262 R
Baum M 810 C 962 C 1784 C
Baum M K 782 R 1635 C
Bazle A J 1251 C
BC Toxoplasma Investigation Team 173
Beach M 451 M
Beach M J 480 1036 correction
Beck E 404
Beck J 187 R
Becker N 744 C
Beckers C 1074 R
Becklake M R sII10
Beddows R 1260
Bedford D 664 C
Beevers D G 378 Com 442 C 1446 R 1852 C
Beevers M 1446 R
Begaux F 1074 R
Behrman P 584
Bekele Z 85
Belch J J F 410 R
Bele O 1709 C
Bell A 173
Bell C J 185 R

Bell D R 1247 C
Bell J E 1475 C
Bellizi J A 226 M
Belz G G 1008 N
Ben-Shlomo Y 1578
Ben-Tovim D 225 M
Benabid A L 1675 R 1676 R
Benatar S R 893 M
Benazzouz A 1675 R
Benfield T L 742 C
Bennedbaek F N 409 R
Bennett E D 413 R
Bennett N R 65 C
Bennett P 265 R 1491 Com
Bennett P H 166
Benson H A E 863 R
Benz C 296 C
Berbis Ph 112 R
Berg M 1331
Berg W A 1531
Berger J R 642 R
Berger W 1223 R
Bergh C 1033 C
Beringer T R O 292 C
Berjot M 339 R
Berkley S 751
Berkovic S F 716 R 1182 correction 1859 C
Berlin J A 185 R
Bernabei R 1782 C
Bernadich O 1300 R
Bernsen R M D 1060
Berreto S 1546 C
Bertele' V 1557 C
Berti J J 1176 C
Best L 1483 C
Bestetti R B 1706 C
Betteridge D J 1852 C
Bevan M A 1327 C
Bhambhani K 295 C
Bhargava B 298 C
Bhatia K 187 R
Bhatia S 888 C
Bhattacharya I 1452 N
Bhattarai M D 1328 C
Biagi F 106 960 C
Bianchi G 524 correction
Bicik I 262 R
Bienzle U 932 R
Bilous R W 214 C
Binka F 1546 C
Birchard K 41 N 121 N 273 N 347 N 348 N 421 N 500 N 568 N 574 N 648 N 722 N 723 N 792 N 872 N 1013 N 1084 N 1154 N 1232 N 1308 N 1377 N 1378 N 1457 N 1529 N 1607 N 1688 N 1759 N 1830 N 1832 N
Birkenhäger W H 757 1634 C 1636 correction
Birmingham M E 715 R
Birnbaum D 1101 C
Birthistle K 588 C
Biryahwaho B 1546 C
Björntorp P 423 S
Blachar Y 1247 C
Blackstone M O 679 Com
Blair A 240
Blair L 111 R
Blaise G 111 R
Blake A M 1402 C
Blanco R 1036 C
Bland J M 413 R
Blann A 1030 C
Blann A D 293 C 1780 C
Blanquet S 711 R
Blaser M J 72 C
Blau M 1254 C
Blauw G J 1119
Blazquez J 1738
Blé A 1771
Blew B 113 R
Bligh G sIII 21
Bloemberg B 379 Com
Bloland P B 1624
Blom H J 861 R
Bloom B 149 C 751
Blum R H 900 Com
Blumenthal I 1030 C
Boba A 1635 C
Bobak M 591 C 1255 C 1815
Bodal E 1102 C
Boeijinga J K 1552 C
Boers M 309
Böhm O 68 C
Bolardi L 43 S
Boles R G 1299 R
Bolognia J L 972 Com
Bolton-Maggs P H B 620
Bolvin J-F 979
Boman J 1517 R
Bona G 71 C
Bonait-Pellié C 91
Bonebrake R G 183 R
Bónis B 1522 R
Bonita R 1167
Bonn D 35 N 120 N 190 N 191 N 194 N 267 N 343 N 417 N 495 N 498 N 717 N 788 N 794 N 869 N 870 N 1008 N 1079 N 1080 N 1147 N 1229 N 1303 N 1304 N 1371 N 1685 N 1753 N 1831 N
Bonneux L 142 C
Boonen A 309
Booy R 317 C
Bor Z 1522 R
Boralessa R 599
Bordet F 1542
Bordet R 289 C
Borgstein P 958 C
Borisenko K 210
Bormanis J 1795
Bornavirus Study Group 1002 R
Bosch X 1300 R
Böse C 1407 1486 1639
Bosma H 235 1405 C
Bossi P 1144 R
Bossuyt P M M 774
Bossyns P 1783 C
Bottaci L 469 1175 C
Bottazzo B F 1288
Bottazzo G F 959 C
Bottigli U 1706 C
Boucher C 983
Boucher J 711 R
Boulton A 214 C
Bouma M J 1435
Bourassa M G 473
Bourdi M 556
Bouscary D 1144 R
Bousser J-M 1511
Bousser M-G 444 C
Boussinesq M 18
Boutin B 372 C
Bower H 191 N 1011 N
Bowie W R 173 1256 C
Bowman L C 767
Boxer L M 372 correction
Boyd O 413 R
Boyd R 596 C
Boyle D I R 1505
Boyle P 744 C 890 C
Boyle S 1493 Com
Bozovich G 404
Brahin B 844
Bradbury J 35 N 119 N 121 N 415 N 568 N 569 N 643 N 718 N 787 N 869 N 936 N 1007 N 1227 N 1229 N 1301 N 1453 N 1524 N 1603 N 1605 N 1685 N 1753 N 1827 N 1830 N
Bradford A J P 440 C
Bradley P 1547 C
Bradol J-H 1635 C
Braga C 1681 R
Brahams D 1014 N 1376 N 1457 N
Brambilla A 1370 R
Bramucci E 298 correction
Bramwell V H C 911
Brandts C H 704 1776 C
Braunholtz D 804 1636 correction
Brawarsky S 1092
Brazzi L 815 C
Bredal W P 216 C
Bregman B 1111 M
Breier A 930 R
Breitbach T 262 R
Bremer K 1106 C
Brennan N 1702 C
Brenner C A 961 C
Brenner M K 767
Brenzinger M **1180 C**
Brewin T 296 C
Bricolo A 1004 R
Bridges N 1445 R
Brinsden P 1559
British Society for Antimicrobial Chemotherapy Endocarditis Working Party 1100 C
Brittenham G M 491 R
Britton J sIII 24 85
Britton T C 1324 C
Brock J W 240
Brocks V 697
Broderick N 811 C
Brom J 1225 R
Bronson R 1714 P
Bronzwaer J 445 C
Brookes A J 336 R
Broome C V 1708 C
Brøsen K 637 R
Brosen K 1552 C
Broughton M 890 C
Brousset P 1366 R
Brown E 1184 M
Brown J 1416 Com
Brown N 412 R
Brown P 219 C
Brown S L 1531
Brugières L 91
Brun-Vézinet F 983
Brunet J 713 R
Brunetti P 214 C
Brunner E 235 1405 C
Brust J C M 453 M
Bryan A J 489 R
Buch K 784 R
Buchanan J A G 28
Buckley M J M 1362
Bui S 113 R
Buist M 883 C
Bukina A 959 C
Bull R 1750 R
Bulpitt C J 757 1636 correction
Burke W 1042 Com
Burkhalter H 63
Burn D J 903
Burn J 1322 C 1777 C
Burnat P 963 C
Burnham G M 2 Com
Burns-Cox C J 1549 C
Burr C 75 M 647 N 1786 M
Buse K 1494 Com
Bush D 240
Buss P 67 C
Butel M-J 33 R
Butler A R 410 R
Buyse M 1175 C
Bwayo J J 922 1076 R
Byabamazima C 1546 C
Bye P T P 3 Com
Byers S 1858 C
Byington R P 1075 R
Bym R A 1141 R

C

Cabaneis V 889 C
Cacoub P 1144 R
Cal J 23
Cain M E 943 S
Caine R Y 1077 R
Cainelli F 1298 R
Cairncross S 812 C
Calafiore A M 1706 C
Caldas C 231 Com
Calder J A M 307 Com
Califf R M 1272
Calisher C 1458 N
Calleja J L 1397 C
Calman K C 1622 1852 C
Calvert H 371 C
Calvert J E 368 C
Calvez V 1144 R
Campbell R W F 1852 C
Campbell S 786 R
Campion P 1487
Cañón J 1738
Cantalapiedra A 714 R
Cantisani T A 441 C
Cantor K P 240
Cao X-Y 771
Caplan L R 77
Cappuccio F P 850 1703 C
CAPTURE Study Group 744 correction
Caradonna M 71 C
Cararach V 1295 R
Carbonin P 1782 C
Carey P B 818 correction
Carey W F 1368 R
Carlsson J 1225 R
Carlstedt A 1180 C
Carman W F 219 C
Carmona F 1295 R
Carney C 850 1703 C
Carothers A 336 R
Carpentier A 456 Com
Carr A 589 C
Carrel T 1146 R
Carrell R W 134
Carrington M 741 C
Carroll S F 1439
Carson J 96
Cartoux M 221 C
Casabona C 1320
Casale E 1295 R
Casari G 524 correction
Casey W 1590
Cason P 1486 P
Cassaro M 448 C
CAST Collaborative Group 444 C
Castillo R C 256
Catalan J 895
Caussin J 1074 R
Cavelaars A E J M 517 C
Cecchetti E 266 R
Celani M G 441 C

Celermajer D S 3 Com
Celis H 757 1636 correction
Celle G 1556 C
Ceppa F 963 C
Cervenáková L 219 C
Chabriat H 1511
Chachoua A 1363 R
Chadwick C 1329 C
Chadwick P R 738 C
Chakraborty J 1810
Chamberlain P F 485
Chambers J B 1782 C
Chan C Y S 975
Chan F K L 975
Chan W C 1602 R
Chan-Yeung M 651 S
Chanda J 1705 C
Chandenier J 224 C
Chandiwana S K 751
Chang K P 1674
Chang W P 330
Chapman A H 581
Chapple J 65 C
Charach P 673 P
Charach R 747 P 894 P
Charbonneau M 111 R
Charbonnel B 214 C
Chard T 1630 C
Charlett A 323
Charlton A 1474 C
CHART Steering Committee 161
Charvez-Cartaya R 1077 R
Chasseur C 1074 R
Chaturvedi N 663 C 1578
Chaulk C P 666 C
Chavaudra J 91
Chavkin W 598 M
Chea-Woo E 1597 R
Cheasty T 814 C
Chelala C 1307 N 1376 N 1530 N
Chen L 751
Chen R D 1626 C
Chen W 556
Chen Z 444 C
Chen-Yuan L 449 C
Chenet L 383
Cheng A F B 31 R
Chiale P A 262 R
CHIB 201 International Study Group 1193 1484 correction
Chiba S 447 C
Chieco P 1554 C
Childs A-M 522 C
Chimbari M 751
Chin N K 446 C
Chin S 1368 R
Chinnery P F 560 1402 C
Chiorbioli E 71 C
Chippaux J-P 18
Chiron J P 1251 C
Cho M 72 C
Cho M K 1558 C
Chodak G W 592 C
Chohan B 922
Chompret A 91
Chowdhury A M R 169 1108 correction
Chowdhury S 169 1108 correction
Chowienczyk P 901 Com
Christensen J H 1353
Christian S L 1520 R
Christiansen C B 562 R
Chun N 1299 R
Chung A 288 C
Chung S C S 975
Churchill D 1446 R
Ciesielski-Carlucci C 372 correction
Citterio L 524 correction
Claffey L 1590
Clapperton M 855
Clark S 747 M 936 N 1008 N
Clark T J H 1626 C
Clarke R 967
Clarkson P sl14
Clausius N 834
Clegg A 764 1774 C
Cleland J G F 520 C
Clement C 1795
Clemmensen O 1264 Com
Cleophas T J M 956 C
Clowes C I 957 C
Coakley J 884 C
Coats A J S 1349
Cobo J 1738
Cocks G 1331
Cohen A 440 C
Cohen A F 1552 C
Cohen A T 69 C
Cohen I J 1679 R
Cohen J 186 R 961 C
Cohen M M 1560
Cohen R M 638 R
Cohen R V 1787
Cohen-Tovée E M 1474 C
Colchester A C 903
Cole A P 816 C
Cole S 149 C
Colhoun H 1853 C
Collaborative Group on Hormonal Factors in Breast Cancer 1047 1484 correction
Collaborative Group of the Primary Prevention Project 1557 C
Collet J-P 111 R
Collier D A 412 R 1033 C
Collier J 1107 C
Collinge J 187 R 188 R 1519 R
Collins P 959 C
Collins R 430 444 C
Colombo A 535
Colover J 1324 C
Coman S 1677 R
Community HIV Prevention Research Collaborative 1500
Compston J E 676 Com
Comstock G W 240
Concia E 1298 R
Coney S 1152 N
Conjeevaram H 965 M
Conley M 1666
Conn H O 298 correction
Conn P M 373
Connelly P W 785 R
Conri C 1030 C
Constans J 1030 C
Conter V 1479 C
Convit J 1546 C
Cook G 1144 R
Cook G C 813 C
Cooke R S 216 C
Coope J 1633 C
Cooper C 76 M 302 748 892 C 1111 1562 1861 M
Cooper D 591 C
Cooper D A 589 C
Cooper P A 1547 C
Cooper P J 526
Copenhagen AIDS Study Group 742 C
Coppola R 298 correction
Corazza G R 106 960 C
Corbetta M 485
Corcoran R 664 C
Cordner S 650 N
Cordner S M sll 6
Cordova C 1222 R
Corless D J 1783 C
Cornwall J 660 Es
Corpechot C 1511
Corrah T 1546 C
Corrigan J J 602 Com
Cosman F 550
Costa D C 490 R
Costello A 1266 Com
Costello J F 1450 R
Coulden R A 1265 Com
Coulehan J 1561 P 1865 P
Coulthard M G 396 1031 C
Coumadin Aspirin Reinfarction Study CARS 389
Counsell C 443 C 607 1477 C
Cousens S N 668 C
Couser W G 152
Covert R 1517 R
Cowie F J 566 R
Cowie M R 1349
Cowley A J 1850 C
Cox J St H 1435
Cox T M 300
Coyne P 215 C
Craft A W 911
Craft I L 1559
Craig J J 216 C
Cranswick P 883 C
Craven T E 1075 R
Creamer P 503 S 1328 C
Cresswell J R 1131
Crisanti A 335 R
Cristiano G 1226 R
Croal B L 1402 C
Croisier A 1635 C
Crompton M R 638 R
Crone R 686
Crook T 638 R
Cross S E 636 R
Crossland S 638 R
Crossley A P 368 C
Crowe S 41 N 123 N 343 N 419 N 722 N 794 N 871 N 1455 N
Crowther D 371 C
Crowther S D 1450 R
Cruaud C 1511
Cruz F 640 R
Császár A 518 C
Csiliag C 126 N 572 N 724 N 937 N 1014 N 1085 N
Cubitt D 1001 R
Cuckle H 1629 C
Cullinan T 1284
Cunningham A 742 C
Cunningham J M 767
Curran A 1105 C
Currie B 1551 C
Currier J S 713 R
Curto G 1143 R
Cusi D 524 correction
Cutts F T 81 Com 812 C
Cuzick J 1704 C
Czeizel A E 513
Czekalski S 214 C
Czionkowska A 441 C
Czygan M 1002 R
Czyzyk A 214 C

D

Daar A S 1320
Dabis F 221 C
Daggett P 1852 C
Dahl M-L 29 R
Dalley A T 1221 R
D'Alessandro U 362 C 1855 C
Dallabetta G sll 25
Dalton R 588 C
Daly A 958 C
Daly I 292 C
Daly S 1666
Danesh J 430
Daniels G 862 R
Danziger L H 1412 Com
Darby S C 1425
Dargie H 829
Daroca A 404
Dart J 414 R
DARTS/MEMO Collaboration 1505
Datta M 1546 C
Davey Smith G 1182 C 1369 R
David A R 450 C
Davidkin I 1364 R
Davidson C 1645 Com
Davidson L 65 C
Davie A P 519 C
Davies D 376
Davies K 334
Davies V 454
Davis C 153 P
Davis H P 1252 C
Davis P A 1783 C
Dawson J 791 N 936 N 1007 N
Day N E 956 C
Dayan L 1303 N
de Almeida A 1681 R
de Berker D 34 R
de Boer M-J 615
de Boer W A 71 C
De Franceschi L 106
de Francisco A 1546 C
de Glanville H 1860 C
de Graaff CLM 251
de Jong K 595 C
de Jongste J C 1060
de la Fuente-Fernádez R 640 R
de la Jara J J 751
de Leeuw P W 757 1636 correction
de Leeuw R 251
de Rave S 1107 C
De Stavola B L 1723
de Vathaire F 91
de Vries E G E 1601 R
de Vries J 808 C
de Vries M 1480 C
de-la Serna Higuera C 714 R
Dean M 123 N 271 N 571 N 721 N 741 C 939 N 1151 N 1305 N 1607 N 1829 N
Dearlove O 1857 C
Deary I J 541 1479 C
Debanne S V 295 C
Debbie J G 1790 Com
Dechoux L 1542
DeCock K 1546 C
Deferrari D 214 C
Delbert P 1818
Dekant W 1249 C
del Rio E 713 R
Delanghe G 187 R
Delanty N 565 R
Delau D 1751 R
Delmont J P 1362
DeLong G R 771 1482 C
Delta Virology Working Group and Coordinating Committee 983
Delury G 1408
Demanga-Ngangue 18
Dempster D 550
DeMunter C 811 C

Dennehy J 143 C
Dennis D T 1191 Com
DePrince E 1486
Depuis B 289 C
Derbyshire J 1546 C
Descamps D 983
Destée A 712 R
Deutsch S L 1487
DeVange D M 922
Devendra D 780
Devillé W L 1450 R
Devoto M 524 correction
Dewar J 995
Di Alberti L 1655
Di Carlo A 518 C
Di Maria G U P 1297 R
Di Mario F 448 C
Di Mario U 214 C
di Pasquale A 1028 C
Diamond J 75
Dickens C M 908
Dickinson A M 368 C
Dickinson D 1107 C
Dietz A 563 R 1552 C
Diez O 713 R
Dijkmans B A C 309
Dimmeler S 1217
Ding Z-R 1004 R
Dippel E 32 R 1776 C
Dische S 161
Dixon A K 509 1265 Com
Do D-D 1146 R
Dobozy A 1522 R
Dobrilla G 692
Doey L J 187 R
Doganci L 670 C
Doh-ura K 68 C
Dohse G 490 R
Doi Y 290 C 1521 R
Dolan P 734
Dollery C T 757 1634 C 1636 correction
Dominguez A 222 C
Donaldson G C 591 C
Donaldson N 711 R
Donker A J M 662 C
Donnan G A 77 M
Donnelly C A 1466
Dooley J 1786
Doornbos G 379 Com
Doral-John T 783 R
Dorman J C 1820 R
Doshi R 187 R
Doude A C 786 R
Doumbo O K 1624
Douyon C 1094
Dow E 995
Dowiati Y 1546 C
Downie R S 1185 M
Doyle L W 1721 Com
Drew P 1175 C
Drew P J 469
Drorakova L 214 C
Drouin P 214 C
Drummer O H 716 R 1182 correction 1859 C
Dubé M P 713 R
DuBeau C 894 M
Dudding T 1777 C
Dugdale A 1711 C
Duguid G 414 R
Duke G J 883 C
Duke Internal Medicine Housestaff 1272
Dumont S 334
Dunbar N 892 C
Duncan A 1565 Com
Duncan K 149 C
Dunger D B 1199
Dunkel L 263 R
Dunkley P 367 C
Dunn G 96
Dunne J 1712 C
Dunyo S K 1550 C
Duong H 1065
Dupin N 1144 R
Dupuis B 288 C
Durand de Bousingen D 874 N 1013 N 1153 N 1377 N 1458 N 1530 N 1832 N
Duray L R 556
Durlf F 712 R
Durward W 903
Dusch H 1824 R
Dushelko G M 1425
Duthie G S 469 1175 C
Duyff R F 1250 C
Dye C 142 C 624
Dzau V J 671

E

Eaglstein W H 1142 R
Eamsila C 785 R
East Dorset Gastroenterology Group 764
Eastman R C sl29
Easton A 125 N 126 N 347 N 1008 N
Eastwood R 78
Eberlein C 1077 R
Ebrey R J 340 R
ECASS Study Group 1476 C
Eckstein M 12
Eddleston A L W F 218 C
Edelson R L 972 Com
Edmonds D K 265 R
Edmonds M E 855
Edwards D 1491 Com
Edwards I R 69 C
Edwards S J L 804 1636 correction
Edworthy S 1715 M
Egger M 326 1182 C
Egger P 1131
Egglestone S I 1100 C
Eiben B 1253 C
Einterz E M 781 R
Eisen D 1333
Eisenberg L 143 C 1480 C
Eisinger F 1101 C
Eitel F 834
Ejidokun O 223 C
Ekman A 563 R
El Ayadi A 918
El Khalek M K A 918
El-Hachemite N 223 C
El-Sadek M 116 R
Elborn S 1676 R
Elder G H 1104 C
Elders M J 457 Com
Elhassan A A 715 R
Elizaga J 1225 R
Elizari M V 262 R
Elkeles R 1851 C
Ell P J 490 R
Elliott K 664 C
Elliott P 825 Com
Ellis H 373 E 527 P 745 P 1110 P 1407 P
Ellis S J 443 C 1180 C
Elsner M 1217
ElZein H A 715 R
Emanuel E J 1713 M
Embil J M 182
Emery J L 1474 C
Emery P 304 Com
Emmerich J 1448 R
Emmons L R 118 R
Enarson D 149 C
Endtz H 146 C
Eng S B 173
Engels E A 677 Com
Engelsbel S 774
Enk A H 494 R
Eotu H 1549 C
Epple A 747
Epstein Y 83 Com
Erikson R 516 C
Eriksson M 29 R 1033 C
Erkelens D W 1601 R
Ernest D 883 C
Ernst M 638 R
Ernst P sl10
Eschwège E 1680 R
Eschwège F 91
Eskes T K A B 861 R
Espinel C H 1835
Estibeiro K 668 C
Estrada-Garcia M T 1032 C
Ethevenaux C 524 correction
Ettershank K 650 N
EUCLID Study Group 663 C
Eugen-Olsen J 742 C
Evans D G R 1777 C
Evans D J 522 C
Evans J G 1779 C
Ewart D W 1425
Eyre R 1141 R

F

Fagard R 757 1634 C 1636 correction
Fairburn C 886 C
Faix R 531 Com
Fan D S P 1481 C
Farcas P 1747 R
Farinati F 448 C
Farmer P B 1118 Com
Farnham F R 710
Farouk R 469
Farrell Brodie J 598
Farrell L 228 1640
Farrer L A 959 C
Fass R J 150 C
Fauveau V 983
Favia G 1655
Favini G 535
Fayers P M 1025
Featherstone C 418 N 1230 N
Feder H M Jr 1300 R
Federico A 338 R
Federle D 214 C
Fee J P H 2 Com
Feenan D 374 M
Feener E P sl9
Feeney M 764 1774 C
Feenstra L 187 R
Feinmann J 1084 N 1759 N
Feldman T 752 Com
Felix R 29 R
Fellin R 1771
Férard G 1542
Fernandez H 1555 C
Fernández-Fernández F J 365 C
Fernández-Llamazares J 641 R
Ferrari I 262 R
Ferri L 535
Ferro D 1222 R
Feunteun J 91
Fevery J 1495
Fiddes M 1069
Fieschi C 1476 C
Fiessenger J-N 1448 R
Fileden J 883 C
Filler A G 1221 R
Fine P 149 C 1546 C
Finkel E 1150 N
Firshein J 40 N 195 N 273 N 723 N 1456 N 1609 N
Firtion G 493 R
Fisher C J 908
Fishman R H B 194 N 268 N 274 N 342 N 501 N 570 N 572 N 644 N 649 N 874 N 1527 N 1758 N
Fisk N 265 R
Fisk N M 1322 C
Fisken R A 1860 C
Fitzsimon K 664 C
Flaherty J P 575 S
Flaum M sl11 22
Flavell S 1186
Fleischer Michaelsen K 101
Fleming A F 363 C
Fletcher A E 757 1636 correction
Fletcher M A 782 R
Fletcher N A 903
Flitter M 1039 M
Floris M 1631 C
Floyd D C 339 R
Foege W H 1628 C
Fogarty J 817 C
Fok T F 1594
Font F 844
Fontanals D 222 C
Fontanel B 1861
Forbes A 1329 C
Forbes K J 783 R
Ford I 829
Forette F 757 1636 correction
Forhan A 1680 R
Forman M R 166
Formica C 550
Forrester T E 1823 R
Fortin J 1738
Fortune F 28
Fortuny A 1295 R
Foster A 12
Foster A V M 855
Foster E 527 966
Foster G R 1142 R
Foster L 76
Fouad H 918
Foubert L 224 correction
Foucher G 966
Foulkes W D 366 C
Fovenyi J 214 C
Fowkes F G R 541 1478 C
Fowler P 967
Fox N 1786
Fox R 56
Francis C J 908
Frank B 1078 R
Frankel D H 496 N 1081 N 1333 M 1524 N
Fransen L 1805
Franzosi M G 366 C
Fraser F C 459 Com
Fraser R B 1131
Fraser Wares D 957 C
Fraser-Andrews E 886 C
Frasure-Smith N 473 1401 C
Fredricks D N 1262 Com
Freedman D O 1681 R
Freemont A J 178
French Talcapone Study Group 712 R
Frenk J 751
Frey M 1568 Com
Friberg L 77

Fricker J 35 N 122 N 645 N 935 N 1010 N 1302 N 1603 N 1755 N
Fried I 1845
Fried M 262 R
Friedland J S 1225 R
Friedland R 295 C
Friedli K 1662
Friedman B 217 C
Friedman-Klein A 1363 R
Friend P J 1077 R
Frindik J P 457 Com
Frisher S 1747 R
Fritz-Simini Y 744 C
Frudinger A 375
Fu Y S 525
Fujii T 1734
Fujisawa M 143 C 1521 R
Fujita R 524 correction 1449 R
Fujita T 1449 R
Fukuchi Y 1670
Fullarton G 1397 C
Fuller J 1853 C
Fuller J H 214 C 663 C
Fulton C 1750 R
Funayama T 1178 C
Furberg C D 1075 R 1413 Com
Furley C 224 C
Furukawa H 68 C

G

Gajdusek D C 219 C
Gal J 1681 R
Galanakis E 368 C 1401 C
Galindo C M 844
Gallagher M M 1407 M
Gallivan S 1128
Gallee A 1702 C
Galloway D 1397 C
Galvan G 1824 R
Gane E 1729
Gant N F 1109
Garau J 233 Com
Garbe E 979
Garber R A 473
Garden O J 673
Gardon J 18
Gardon-Wendel N 18
Gardulf A 865 R
Garin B 1298 R
Garmon L 1039
Garner P 666 C
Garred P 742 C 1702 C
Garry R F 740 C
Gasbarrini G 106 1226 R
Gattinoni L 815 C
Gatz C 1824 R
Gavyole A 1805
Gaydos C A 546 1036 correction
Gazzard B G 963 C
Geber A 1377 N
Gelletlie R 1005 R
Geltman P 54
Geneto R 118 R
George E 101
George R C 323
Geppetti P 1297 R
Gerace R L 1368 R
Ghyselen J 187 R
Giagounidis A A N 1712 C
Giagounidis A S 1712 C
Giagounidis A Y 1712 C
Giagounidis T 1712 C
Giangrande P L F 1425
Gibbs C R 1780 C
Gibson A M 958 C
Gibson D 161
Gilbert C 12
Gill G 1247 C 1561
Gill G V 1032 C
Gill S S 1224 R
Gillman M A 737 C
Gilroy N 112 R
Gilson L 1805
Gilston A 1256 C
Ginder G D 491 R
Ginsberg A 149 C
Gion T 1294
Girbes A R J 147 C 294 C
Giroir B P 1439
Girot R 217 C
GISEN Group 736 C
GISSI-Prevenzione Investigators 1028 C
Giuliano A E 958 C
Gjonça A 1815
Glass N 723 N 1086 N 1457 N
Glassman A H 818 C
Glaziou P 1298 R
Gledhill R F 811 C
Glen A C A 1402 C
Glorioso N 524 correction
Gluck S L 152 M
Goate A M 1490 Com
Godal T 1546 C
Goddard J M 65 C
Godfree V 1627 C
Goebel R 1253 C
Goerdt S 32 R 1776 C
Gohchi K 364 C
Gold R H 525
Goldbeck R 908
Goldberg B 589 C
Goldberg V M 1263 Com
Golding J 148 C
Goldman D 930 R
Goldsmith D J A 814 C
Goldstein B 1439
Goldstein F W 233 Com
Golledge J 1459 S
Gómez-Mampaso E 1738
Goncalves A M 1542
Goodkin R 1221 R
Goodman D L 1101 C
Goodman M J 1850 C
Goodman N W 523 C
Goodrich J 1718 Com
Gorchein A 1104 C
Gordon D B 409 R
Gordon M 1166
Gordon M-M 1327 C
Gordon-Freeman G 1259 P
Gore M 370 C
Gorton G E 1558 C
Gosling R G sl14
Gosselin G 1638 M
Gostin L O 1785 M
Gotschlich E C 880 1709 C
Gottlieb J J 1363 R
Gottlieb T 112 R
Goubet S A 1435
Goudsmit J 1108 C 1637
Gough A 855
Gould I M 783 R
Gouplie P 178
Grace A 1826 N
Grace A A 1000
Graf M L M 556
Graham D Y 70 C
Graham N 232 Com
Grange J M 157 Com
Graninger W 704 1776 C
Grant K 751
Grassin M 817 C
Graudal N 1702 C
Gray D 1850 C
Gray J 96
Gray L 1795
Gray N 890 C
Gray R H 546 1036 correction 1627 C 1780 C
Greco A V sl11 4
Greco E 1682 R
Green C 862 R
Green R 50
Greenberg B 1375 N
Greenberg D S 193 N 499 N 528 791 N 793 N 1083 N 1334 1687 N 1716
Greene S A 1505
Greenfield E M 1263 Com
Greenlee R G 77
Greenough A 967 M
Greenwald S E 953
Greenwood B 524 correction
Greig I R 410 R
Greiser T 1103 C
Greszczak W 214 C
Grewal N 523 C
Gries A 214 C
Griffiths M 1406 C
Grimaud E 91
Grimbacher B 1818
Gromyko A 210
Grond M 1595 R
Groome N P 372 correction
Gropper C 746 M
Grosskurth H 1805
Grounds R M 413 R
Gruber D M 1628 C
Grudzinkas J G 1630 C
Gruss C 1295 R
Guder W G 784 R
Guedj C 1448 R
Guerrero A 1738
Guest D 96
Guimarães M 640 R
Guimond J-G 111 R
Guinebretiere J-M 1101 C
Guiserix J 596 C
Gun H 670 C
Gupta S 1466
Gurfinkel E 404 1029 C
Gurwitz D 298 C 1253 C
Gustafson R 865 R
Gustafsson L 1569
Gusterson B A 638 R
Guttmann R D 1320
Guy F 1795
Gwatkin D R 141 C

H

Haaga J G 956 C
Haagsma E B 289 C
Haas C J 1404 C
Haber S 1332
Hacein-Bey L 1065
Hacke W 1476 C
Hackshaw A 665 C
Hadfield M B 469
Hadziselimovic F 118 R
Haefeli W E 1822 R
Haga S 592 C
Hagberg H 1822 R
Hagedorn H G 1404 C
Hague M F 220 C
Haines A 1435
Haisjacki M 1706 C
Hajenius P J 774 1555 C
Hakim N S 673
Halimi S 214 C
Hall A 367 C 1546 C
Hall I 1850 C
Hall I P 995
Hall J C 1752 R
Hall J G 1322 C
Hall W sl11 1
Hallander H O 1569
Hallensleben W 1002 R
Halley D J J 490 R
Halligan P W 139
Halliwell B 1030 C
Halmos B 518 C
Haltunnen J 692
Hamann C 297 C
Hamblin R 1493 Com
Hambling M 1160
Hamdy S 686
Hamedi-Sangsari F 635 R
Hamilton J 42 N 1327 C
Hammans W 1253 C
Hammerström L 805 R
Hampton J R 148 C 1850 C
Hamza H S 918
Han M 1520 R
Hanada K 1522 R
Hanaki H 1670
Hanas R 492 R 1032 C
Hand D J 1025
Hanley A J G 785 R
Hanna F W F 755 Com
Hansen S 865 R
Hanson B 785 R
Hanson R L 166
Hanssens Y 1751 R
Harcombe A A 1000
Hardie R M 964 C
Harding J J 885 C
Harding S 1369 R
Hardy J 73 C 296 C
Hargreaves S 1142 R
Harms G 1180 C
Harper R W 1177 C
Harries A D 1284
Harries K 934 R
Harrigan P 420 N 721 N 793 N
Harrington H 565 R
Harrington K J 1179 C
Harris K 334
Harris M 220 C
Harris M A 1820 R
Harris S B 785 R
Harrison A 1493 Com
Harrison D J 630 1553 C
Harrison K A sl11 16
Hart A L 110
Hart R 1555 C
Hartley J E 469
Hartmann O 1838
Harvey A 161
Harwood G 34 R
Hasanuma T 145 C
Haschke F 815 C
Hashimoto I 1522 R
Hasse C 1296 R
Hastier P 1362
Hata T 1600 R
Hateley P M 738 C
Hatherill M 1749 R
Haubruge E 1074 R

Hauser S 368 C
Hautvast J G A J sIII 15
Hawkins S A 903
Hay P 1251 C
Hay P E 588 C
Hayashi M 1449 R
Hayden C G 863 R
Hayek L J H E 340 R
Hayes P C 1235 S 1309 S
Hayes R 1546 C 1805
Heald R J sIII 26
Healing T 1012 N
Heath P T 817 C
Hebebrand J 1324 C
Hedge B 895
Hedgecoe E 673 747 894 1259
Hedges L V 834
Hegedüs L 409 R
Hegele R A 785 R
Heijbel H 1569
Heilmann H-P 888 C
Heinonen O P 1364 R
Heiss W-D 1595 R
Helweg-Larsen J 1363 R
Helzlsouer K 240
Hemansson A 222 C
Hemingway H 235 1405 C 1779 C
Hemminki K 931 R
Hemrika D J 774
Henderson R 1850 C
Hendin H 1408 M
Hendry B M 381 Com
Hengel R L 1596 R
Henkens M 1708 C
Henneman E 550
Henry M L sIII 28
Hepp K D 214 C
Hepper P G 1820 R
Heppner D G 785 R
Herishanu Y O 1747 R
Hershey J C 1393
Hervé C 817 C
Hervé P 217 C
Heslop H E 767
Heubi J E 23
Hewetson M 1483 C
Heymann D L 1709 C
Heywood P 1224 R
Hift R J 1104 C
Higgo R 908
Higham J H 1707 C
Hightower A W 480 1036 correction
Hilden J 902 Com
Hill A F 188 R
Hill D 1327 C
Hill J 1777 C
Hillier S L 546 1036 correction
Hillman B J 731
Hilton M J 409 R
Hilton P J 409 R
Hilton S 524 correction
Himmel H M 69 C
Hinney A 1324 C
Hinrichs S H 1602 R
Hiramatsu K 1670
Hirata Y 818 correction
Hirt R 844
Hobbs K E F 1851 C
Hobson S 1548 C
Hochberg M C 503 S 1328 C
Hodgson K 367 C
Hoeffler D 739 C
Hoehn-Saric R 1303
Hoek C 215 C
Hoekstra J B L 1601 R
Hoet P 556 1249 C
Hoffenberg R 1320
Hoffman M 1491 Com
Hoffman S L 1855 C
Hogg R S 1406 C
Hohenleutner U 1748 R
Hohenschild S 1034 C
Holbrook M R 1720 Com
Holgate S T sII5
Holl R A 251
Hollemann F 1601 R
Holli K 1704 C
Holman R 1288
Holmans P 1136
Holohan T V 151 M
Holzmann D 1516
Hongeng S 767
Honig P K 69 C
Hood S 1779 C
Hook E B 513 1323 C
Hoos A 692
Hoover R N 240
Hope T 886 C
Hopf G 891 C
Hopkins D 1523 N
Hopkins D R 812 C
Hopkins K 160 Com
Hopkins K D 189 N 269 N 341 N 672 M 787 N 1372 N
Hopwood D A 933 R
Hopwood N 1331 M
Horder J 1662
Horgan J H 1400 C
Hori S 1670
Horner P J 1100 C
Horton R 5 Com sIII 13 160 Com 234 Com 751 756 Com 898 Com 1043 Com 1156 1192 Com 1374 N 1484 correction 1627 C 1794 Com
Horton V 1288
Horwitz E M 767
Hosein I 1327 C
Hosoda Y 1670
Houang E 1481 C
Houssin D 372 C
Hovi T 1364 R
Howard P J 816 C
Howard R 232 Com
Howe R A 1034 C
Howell F 664 C
Howell T 889 C
Howell W M 336 R
Hoyer P F 1330 C
Hoyland J A 178
Hsu N-Y 860
Huang T-C 860
Huang Z 889 C
Huber J C 1628 C
Hübner C 563 R 1552 C
Hudson C N 1783 C
Hueston W J 1077 R
Huffam S 1551 C
Huggett A C 815 C
Hughes D 686
Hughes J 1081 N
Hughes J M sIII 12
Hugon M 963 C
Huisjes H J 1799
Humphreys H 737 C
Hung O L 1859 C
Hungnes O 1028 C
Hunt B J 293 C
Hunt P 597
Hunt W 895
Hürny C 298 correction
Hurren C 664 C
Husten L 37 N 645 N 718 N 1009 N 1079 N 1147 N 1301 N 1451 N 1524 N 1684 N 1827 N
Hutson P 121 N
Huttley G A 741 C
Hutto C 782 R
Hutton J 1689 N
Huttunen J K 668 C
Hwang B-F 330
Hyer S 214 C
Hynes D M 657

I

Ibba R M 1631 C
Iglesias X 808 C
Ignácz F 1522 R
Iida M 115 R 961 C
Iizuka M 1775 C
Ikeda K 592 C
Ikeda T 336 R 1406 correction
Ikehata M 447 C
Iikjaer S 1353
Imano E 1365 R
Inenaga T 1734
Ingenbleek Y 1542
Ingram A 76
Ingram D 990
Inoue H 865 R
In't Veld P A 490 R
International Forum for Transplant Ethics 1320
International Organisation for Cancer Chronotherapy 681 1326 C
Iruyzma R 1448 R
Ip M 1594
Ironside J 188 R 1475 C
Irving J B 457 Com
Isaac M T 288 C
Isaac-Renton J L 173
Isaacs J 1524 N
Isaka M 1449 R
Iseman M D 666 C
Ishida A 1002 R
Ishikawa S 184 R
Islam A 169 1108 correction
Islam M N 169 1108 correction
Isola J 1704 C
Issakov J 1679 R
IST Collaborative Group 443 C
Itabashi M 524 correction
Iulaino L 1712 correction
Iversen A K N 742 C
Ivker R 42 N 274 N
Iwai N 369 C
Iwaki T 68 C
Iwamoto Y 184 R
Iwen P C 1602 R
Izopet J 983
Izzat M B 489 R 665 C

J

Jack D 600 788 N 790 N 868 N 1040 1788 1863 M
Jack D B 437
Jackson D J 1076 R
Jackson J 804 1636 correction
Jackson P R 1852 C
Jackson R 1471
Jackson V P 525
Jacobs P 309
Jacobson M A 590 C
Jacobson S J 1358
Jacoby R 886 C
Jacquemier J 1101 C
Jaffar S 524 correction 1546 C
Jaffé D 1173
Jahan R 525
Jahoor F 1823 R
Jalan R 1309 S
James A F 381 Com
James D 323 1710 C
James D V 710
James P B 1178 C
James W P T 885 C
Jamieson N V 1077 R
Jansen L 808 C
Janson P 591 C
Janulewicz M 1865
Japan Bornavirus Study Group 592 C
Jarrett J 1680 R
Jarrett R F 1144 R
Jayson M I V 178
Jean-Baptiste M 371 C
Jeffries D 983
Jenkins R 1480 C
Jennings B A 565 R
Jensen J S 1363 R
Jensen M-B 319
Jensen T S 1353
Jensen V J 564 R
Jephcott A 1100 C
Jessop J D 1327 C
Jewell T 48
Jiang J-Y 771
Jiang X-M 771
Jick H 1045 Com
Jobe K 524 correction
Joensuu J 1205
John J 1546 C
Johnson A P 323 738 C 1710 C
Johnson B A 453
Johnson D L 713 R
Johnson M 893
Johnson-Sabine E C 908
Johnsson E 1520 R
Johnston C 1337 Com
Johnston D A 933 R
Johnston D W 1400 C
Johnston J 1402 C
Johnston M I 1108 C
Johnston S D 1370 R
Johnstone E C 336 R 908
Johnstone T 1255 C
Jonas W B 834
Jones A F 1174 C
Jones A H 359 1169
Jones C D 588 C
Jones D C 1483 C
Jones E M 1034 C
Jones G 1749 R
Jones G R N 605 Com
Jones J H 1862
Jones R 34 R 1086 N
Jónsson A 1778 C
Jonville-Béra A-P 339 R
Jordaens L 1407
Joshi P 1358
Joske D J L 337 R 818 correction
Joutel A 1511
Jowell P S sIII 7
Juli H 1702 C
Jumaa P A 738 C
Juneau M 473
Jung L 1542
Jungwirth A 1824 R
Junker C 326
Junor E J 566 R
Jurd K M 293 C

K

Kabuto M 639 R
Kageyama T 639 R
Kahigwa E 844
Kahn M A 1751 R
Kaisers U 1706 C
Kajimoto Y 1365 R
Kalebu P 1546 C
Kalichman S C 1500
Kamal M 751
Kamel M 918
Kamgno J 18
Kamm M A 110
Kammerer L 214 C
Kanda T 1365 R
Kandela P 41 N 42 N 345 N 574 N 718 N 896 936 N 1083 N 1154 N 1231 N 1866
Kane M 1102 C
Kang'ombe C 1284
Kaninda A-V 1708 C
Kannus P 1174 C
Kaplan A P 1037
Kaplan E L 899 Com
Kaplan G 597
Kaplan S L 158 Com
Karam N 751
Karlawish J 1833
Karrar Z A 715 R
Karsten J 670 correction
Kasai K 561 R
Kassa-Kelembho E 1298 R
Kaste M 1476 C
Kato Y 524 correction
Katoh H 784 R
Katz J 1338 Com
Katz S L 1767
Katzenstein D 970 Com 1712 correction
Kau J 1232 N
Kawamori R 1365 R
Kawasaki S 1670
Kawashima T 68 C
Kay R 664 C
Kaye S 371 C 983
Kazembe P N 1624 1776 C
Kazumi T 1254 C
Keane C T 737 C
Kearney M 894
Keatinge W R 591 C
Keen H sl29 214 C
Keene J 886 C
Kegeis G 1774 C
Keiding N 697
Kellett J M 887 C
Kellie J 1333 P
Kelly C P 1182 C
Kelly G 1162
Kelly J 1677 R
Kelly J A 1500
Kelly S 1474 C
Kemény L 1522 R
Kemp S F 457 Com
Kengeya-Kayondo J 1546 C
Kennedy H G 710
Kennedy I 1320
Kennedy J L 1403 C
Kenyon G S 634
Kerdel F 1142 R
Kerenyi Z 214 C
Kernell A 1199
Kernick D 1410
Kernick D P 1781 C
Kerscher M 1295 R
Kerwin R 594 C
Kerwin R W 490 R
Kessinger A 1602 R
Kester J G C 251
Khalfaf N 918
Khan F 410 R
Khan S A 440 C
Khardori N 1718 Com
Khaw K-T 53
Khoshnood B 1517 R
Kiebert G 1689 N
Kiessling A A 1141 R
Kigotho A W 502 N 573 N 650 N 718 N 789 N 792 N 874 N 939 N 1009 N 1014 N 1081 N 1152 N 1233 N 1378 N 1455 N 1456 N 1457 N 1528 N 1608 N 1683 N 1690 N 1757 N 1758 N 1830 N 1831 N
Kilby M D 826 Com
Kimario J 844
Kimura G 1734
King A 220 C
King A S 173
King G L sl9
King M 968 1255 C
King M A 716 R 1182 correction 1859 C
King M B 1662
Kinnear S 182
Kinnear W J M 1850 C
Kinoshita M 369 C
Kinzl J F 1634 C
Kirke P N 445 C 1666
Kirkpatrick A 911
Kirsch E A 1439
Kirschner R H 1395
Kirsner R 1142 R
Kirwin B R 1638
Kitchen L 1439
Kitteringham N R 1553 C
Kitua A Y 844
Kivimäki M 1124
Kiwanuka N 546 1036 correction
Kiyama S 146 C
Kleber F 148 C
Klein B E K 197 S
Klein R 197 S
Kleinman A 1480 C
Kilot M 1221 R
Klöck G 1296 R
Kloeg P H 445 C
Klugman K P 1176 C
Knauf W 1003 R
Knight P G 372 correction
Knight S L 966 M
Knook D L 1119
Knop J 494 R
Knowler W C 166
Knowlton A 375
Knox A J sIII 24 814 C
Kobayashi I 1670
Kobayashi T 639 R
Kochi A 142 C 624
Koene R A P 933 R
Koennecke H-C 1065
Koetter I 1818
Koiman C G H M 1601 R
Kolar O J 1033 C
Kollée L A A 251 1711 C
Kolybaba M 990
Komamura K 1327 C
Kondo-Luie J 546
Kondro W 42 N 347 N 419 N 501 N 792 N 794 N 873 N 942 N 1012 N 1085 N 1152 N 1154 N 1232 N 1376 N 1377 N 1458 N 1528 N 1608 N 1688 N 1758 N 1832 N
Konotey-Ahulu F I D 1549 C
Kony S J 91
Koops S 808 C
Koornhof H J 1176 C
Kopans D B 810 C
Kopecky E A 1358
Kopitnik T A 77
Koram K A 1550 C
Koren G 1143 R
Korovaltseva G I 959 C
Koschinsky T 214 C
Koskenniemi E 1205
Koutouzov S sIII 11
Kovats R S 1435
Krack P 1675 R 1676 R
Krämer B K 736 C 1632 C
Kramer M 182
Krance R A 767
Kränke B 1551 C
Krauss H 1857 C
Kreft D 146 C
Kreiner S 1277
Kreiss J K 922 1076 R
Kremsner P G 704 1776 C
Krivine A 493 R
Kroman N 319
Kromer E P 1632 C
Kromhout D 379 Com
Krøner K 1353
Kroon B B R 808 C
Kroon G 1799
Krzyanowski C 983
Krzyzanowski M 1255 C
Kubota M 1173 P
Kuck E M 1601 R
Kudva Y C 1140
Kumar D 1691 S 1751 R
Kumar M 1329 C 1820 R
Kumar S 196 N 271 N 499 N 500 N 644 N 724 N 874 N 1233 N 1329 C 1527 N 1689 N
Kumwenda J 1105 C
Kunst A E 517 C
Kuo J S 828 Com
Kurabayashi M 784 R
Kuribayashi R 1705 C
Kuroda S 1734
Kurokawa K 224 correction
Kurokawa Y 639 R
Kurz A 784 R
Kuter D J 597
Kuwahara Y 336 R 1406 correction
Kuzuya T 184 R
Kwiatkowski D 1696
Kwok-Hung Chung T 1103 C
Kyle P 1629 C

L

La Montagne J 149 C
LaCroix A Z 1042 Com
Laeyendecker O B 256
Laferi H 1072
Lafontant J G 480 1036 correction
Laga M sIII 25
Lagaay A M 1119
Lagercrantz H 1044 Com
Lahal G 524 correction
Lahita R G 1116 Com
Lai H 782 R
Lai S 782 R
Laing C 1677 R
Laippala P 1447 R
Lakos T 1006 R
Lallemand J Y 711 R
Lam D S C 1481 C
Lamant L 1366 R
Lamberg K 1822 R
Lambert H J 396 1031 C
Lammes F B 774
Lammie P J 480 1036 correction
Landmark J D 1602 R
Landoni F 535
Landthaler M 1748 R
Lane D 51
Lane N 1475 C
Langer A 890 C
Langlands D R 818 correction
Langman M J S 825 Com
Lansang M A 1546 C
Lantos J D 1257
Lantos P L 187 R
Lanzani C 524 correction
Lapatsanis P D 368 C 1401 C
Larkin M 36 N 38 N 268 N 342 N 417 N 497 N 568 N 645 N 646 N 718 N 789 N 869 N 935 N 938 N 1009 N 1228 N 1229 N 1373 N 1453 N 1454 N 1604 N 1684 N 1756 N 1827 N
Larsson G 1520 R
LaRusso N 1046 Com
Lasby C G 746
Late Effects Study Group 888 C
Latini R 815 C
Latorre C 222 C
Latteri M 1226 R
Laurberg S 564 R
Lauridsen E 1106 C
Läuter J 1478 C
Lavender J P 1177 C
Lavoisy J 74 C
Lawley T J 306 Com
Lawrence A 829
Le Bourdelles S 493 R
Le Brumant-Payen C 963 C
Lea R 1483 C
Lebbin J 670 correction
Lebon P 493 R
LeConte F H 480 1036 correction
Ledbetter D H 1520 R
Ledermann S 146 C
Ledger W L 372 correction
Ledru E 1251 C
Ledru S 1251 C
LeDuc J 1081 N
Lee A J 541 1479 C
Lee B K 372 correction
Lee C A 1425
Lee C T 1107 C
Lee K-S 1517 R
Lee N 39 N
Lee P W R 469
Lee R E J 396 1031 C
Lee T-S 1103 C
Lee W M 965 C
Lee Y J 1666
Lee Y T 975
Lee-Potter J 299
Leedom J M 713 R
Leeman E 526 M 819 M
Lees K R 440 C 1476 C
Lefrère J-J 217 C
Lehmann E D sl14 1008 N 1755 N
Lehnert H 214 C
Leinikki P 1364 R
LeLorier J 979
Lemerle J 91
Lemkes H H P J 1743
Lemoine N R 1793 Com
Leng H B 288 C
Lengeler C 326
Lennox J L 1596 R
Lenoir G 711 R

Lentle B 280
Leo M A 667 C
Leon D A 383
Leoncini L 338 R
Leonetti G 757 1636 correction
Lerner A 295 C
Leroy V 221 C
Lesaffre E 1476 C
Leslie P W 771 1482 C
Lespérance F 473 1401 C
Leung L L K 372 correction
Leung T 1001 R
Leung V K S 975
Leung W K 31 R
Levene M 1416 Com
Levene M I 30 R 522 C
Lévi F 681 1326 C
Levin M 811 C
Levin M J 262 R
Levine M A 365 C
Levine M M 1386
Levine O S 1386
Levron J 186 R
Levy A 373 M
Lewandowski B 1795
Lewin K J 524 correction
Lewin R J P 1400 C
Lewin-Fetter V 1784 C
Lewis S 85
Lewkonia R 1487 M
Li C 546 1036 correction
Li E K M 975
Li T 412 R 1033 C
Liang Z-S 1004 R
Lichtigfeld F J 737 C
Lieb K 1002 R
Lieber C S 667 C
Liebke C 1678 R
Liebowitz D N 1087 S
Liem A 615
Light R B 182
Lightman S sIII 18
Ligtenberg J J M 294 C
Lilford R J 804 1636 correction
Lilja G 400
Lillywhite A R 185 R
Lim E 1749 R
Lim T K 446 C
Limousin P 1675 R 1676 R
Lin K 524 correction
Lindberg G 1033 C
Linde K 834
Lindegaard O 1277
Lindquist M 69 C
Lindsay R 550
Lines J 813 C
Ling T K W 31 R
Linkesch W 524 C
Linton S M 1327 C
Liotta L A 264 R
Lip G Y H 293 C 378 Com 442 C 1446 R 1780 C
Lipsky J J 1176 C
Lipworth B J sII18 995
Lison D 556 1249 C
Little W A 1100 C
Littlewood R 1094
Liu L-S 444 C
Ljunggren M 1520 R
Ljunghall S 563 R
Lloyd J 818 correction
Lloyd M 1662
Lo Y M D 485
Locatelli F 145 C
Lock M 1320
Lockwood C J 1339 Com
Lodge G J 908
Lodge J P A 408
Loeffler I J P sIII 5 523 C
Loftus A M 1402 C
Loiseau P 217 C
Loke Y W 220 C
Lolis D 1630 C
Lomas D A 134
Lomtardo C 1004 R
London D R 1850 C
Longhurst J 1399 C
Longhurst J G 292 C
Lonsdale R 565 R
Lopez A J 144 C
Lopez D 990
Lopez F 1251 C
Lopez V 782 R
Lord G A 409 R
Louie L G 741 C
Love A H G 1370 R
Loveday C 983
Lovegrove J 1128
Lovestone S 232 Com
Lowe M D 1000
Lowy C 1035 C
Loxterkamp D 226
Lucas A 751
Ludlam C A 1425 1704 C
Lui J-W 860
Luliano L 667 C
Lundby L 564 R
Lundgren B 1363 R
Lundkvist A 781 R
Lundsteen C 697
Luttrell S 950
Lutwick S 480 1036 correction
Luzi P 338 R
Lye M 1162
Lyman S 1729
Lynen L 1774 C
Lynth D P 1333
Lyon D L 1481 C
Lyons B 1590

M

Ma T 771
Mabey D 1805
McAdam K 1546 C
McAllister C 2 Com
McAuliffe T L 1500
McCaffey H 967
McCarron M O 1402 C
McCarthy M 120 N 342 N 344 N 346 N 415 N 496 N 568 N 569 N 1082 N 1149 N 1228 N 1301 N 1306 N 1373 N 1451 N 1605 N 1722 Com
Macchioni P 43 S
Macciardi F 1857 C
McCluskey S E 1474 C
McConnell J 120 N
MacCuish A 214 C
McCullin D 1109
McCurry J 1825 N
McDaniel P 785 R
McDonagh T A 829
Macdonald C E 369 C
MacDonald T A 933 R
MacDonald T M 1505
McDonnell J 1302 N
McDonough M A 716 R 1182 correction 1859 C
MacFadyen R J 520 C
McFalls S 1142 R
MacFarlane I A 780
Macfarlane S B J 150 C
McGarry P 908
McGee H M 1400 C
MacGowan A P 1034 C
McGowan D A 1100 C
McGowan K 1141 R
McGregor A 124 N 347 N 572 N 650 N 1012 N 1085 N 1307 N 1308 N 1378 N 1456 N 1687 N 1690 N
MacGregor G A 850 1703 C
McGrouther D A 339 R
McGuffin P 411 R
Machin D 911
Machuca R 562 R
Maciazek J 1511
McInnes G T 440 C
Macintyre I M C 469
Mack M G 29 R
Mackay A 887 C
Mackay I R 1288
McKechie S 1107 C
McKee M 383
Mackenbach J P 517 C
MacKenzie F M 783 R
MacKenzie J 1144 R
Mackenzie J M 903
MacKenzie M A 590 C
Mackie Ogilvie C M 930 R
McKinstry C S 216 C
McLean C A 929 R
Maclean L D 1860 C
McMahon A D 1505
McManus C 80 Com 1257 M
McMenemy M-C 936 N
McMillan S A 1370 R
McMurray J 519 C
McMurray J J V 829
McNairn D 546 1036 correction
McNamee D 5 Com 867 N 1646 Com
McNeilly A S 263 R
McNulty S E 1272
McNutt N S 1295 R
Maconochie N E S 1723
McPherson K 7 884 C 1399 C
McQuillan P J 883 C
Macready N 644 N 787 N 1081 N 1302 N 1372 N 1452 N 1524 N 1754 N
McShane R 886 C
Madhok R 1327 C
Madsen H 637 R 1552 C
Magee J 36 N
Magos A 1555 C
Maher D 1284
Maher E R 1777 C
Mahler Ch 669 C
Mahler F 1146 R
Mainous III A G 1077 R
Makgoba M W 678 Com
Makrydimas G 1630 C
Malamba S S 245
Malcolm A J 911
Maley M P 223 C
Maley W 743 C
Malhotra A K 930 R
Malik G M 891 C
Malini P L 15
Mallmin H 563 R
Mallon P 1676 R
Malnick S D H 669 C
Malnoë A 815 C
Malone A J 744 correction
Mandaliya K 922
Manéné A B 224 C
Manno A 535
Mangino J E 150 C
Mangioni C 535
Manley S 1288
Mann G 34 R
Mann J M sIII 23
Manna R 1226 R
Mannucci P M 298 correction
Mansfield P 1477 C
Mantgani A 1097
Mantingh A 1799
Mantovani B 1222 R
Manunta P 524 correction
Maravilla K R 1221 R
Marcantonio E R 1157
Marcelin A-G 1144 R
Marchioli R 1028 C
Marczin N 1681 R
Marfisi R-M 1028 C
Marion S A 173
Mariotti M 217 C
Markandu N D 850 1703 C
Markel H 745
Markiewicz M 1445 R
Markotic A 596 C
Marks H M 1183
Marks L 301 M
Marks R 36 N
Markusse H M 309
Marmot M 1405 C
Marmot M G 235
Maron B J 127 S 1330 correction
Marples R R 323
Marsac J 74 C
Marsden C D 1136
Marsh K 1696
Marshall J C 139
Marshall S 214 C
Marshall T F de C 1481 C
Martin C 1823 R
Martin H L 922
Martin J 1854 C
Martin L A 1793 Com
Martinez S 1295 R
Martinez-Taboada V M 1036 C
Martyn C N 953
Maruhn D 1035 C
Maruy A 1597 R
Maruyama-Tabata H 336 R 1406 correction
Masamune O 1775 C
Mason S 1416 Com
Mason S M 1474 C
Massel D 147 C
Mast H 1065
Masters C L 929 R
Masuzaki H 1518 R
Mather K 591 C
Matheson M 414 R
Mathews C 1180 C
Mathews D 1109 M
Mathieu I 1074 R
Matochik J A 638 R
Matsuba T 1004 R
Matsubayashi K 143 C 290 C 1521 R 1711 C
Matsuda J 364 C
Matsuda K 340 R
Matsui K 1600 R
Matsui T 864 R
Matsumoto A 818 correction
Matsumoto K 1748 R
Matsumoto T 115 R 961 C
Matsumura T 336 R 1406 correction
Matthews J 957 C
Matthews S 1584
Matthews T 1031 C
Mattsson P 1220
Matuda S 1367 R
Matz R 737 C

Maude G H 245
Maurin M 112 R
Mautner B 404 1029 C
Mawer C 65 C
Maxwell D L 298 C
Maxwell P R 1691 S
Mayaud P 530 Com 1805
Maybloom B 65 C
Mayou R A 1400 C
Mays D C 1176 C
Mbanya J-C 1561
Mbelesso P 1298 R
Meadows A T 888 C
Meager A 1596 R
Meagher A P 1445 R
Méda N 221 C 1251 C
Mega A 1251 C
Meghji S 220 C
Meheus A 210
Mehmed S 373
Mehta D 489 R
Meigs J sl4
Meinders A E 1119
Meissner P N 1104 C
Melberg A 1220
Melbye M 319
Melchart D 834
Melhus A 222 C
Meller I 1679 R
Melman S 1639 M
Meltzer M I 1191 Com
Membrey W L 588 C
Mendall M A 1691 S
Mendoza C 116 R
Menendez C 844 1856 C
Meniru G I 1559
Menzinger G 214 C
Mergener K 1379 S
Merlini P A 298 correction
Merz J F 1558 C
Merz M L H 1558 C
Messerli F H 1259
Messina M 971 Com
Metcalfe M A 7 884 C 1399 C
Metzger G 1326 C
Meyer F P 1478 C
Meyer J 884 C
Meyns B 1114 Com
Michael N L 741 C
Michaëlsson K 563 R
Michalczyk J J 1785
Michel S 1748 R
Michels J 1159
Middleton S 1077 R
Miguez M J 1635 C
Miguez-Burbano M 782 R
Miketic S 1225 R
Miki T 1367 R
Milani M 15
Milani R 535
Millar J 1179 C
Miller J R 745 M
Miller R 893
Miller S H 740 C
Mills A 1805
Mills J L 445 C 1666
Milne R 1483 C
Milstein J 1102 C
Mindel S 426
Mingrone G sIII 4
Minne H W 1103 C
Mira M 892 C
Mirakian R 959 C
Miranda J 1681 R
Misset J-L 681 1326 C
Mistretta A 1297 R
Mitchell F 956 C
Mitchell M 1795
Mitchell P 195 N 196 N 270 N 273 N 274 N 348 N 420 N 422 N 722 N 793 N 940 N 1148 N 1234 N 1306 N 1378 N 1606 N 1610 N 1685 N
Mitchell S 908
Mitchell S M 588 C
Mitnick C 371 C
Mitsou J 339 R
Mittendorf R 1517 R
Mittra I sIII 17
Miyake S 1748 R
Miyatake K 1327 C
Miyazaki K 1600 R
Miyazaki M 116 R
Mkanje R 1805
Mohr J P 1065
Mohr V D 1748 R
Mol B W J 774 1555 C
Molier N 1188 (Com)
Molloy A M 445 C 1666
Molz B 932 R
Momomura S 818 correction
Monath T P 1719 Com
Monni G 1631 C
Monson J R T 469 1175 C
Montastruc J-L 712 R
Montgomery J 374
Montgomery S M 1774 C
Moody A R 1073 R
Moon I 620
Moore P 37 N 120 N 190 N 269 N 718 N 1080 N 1149 N 1227 N 1373 N 1453 N 1605 N 1685 N 1753 N 1826 N
Moore R 1193 1484 correction
Moorthy V 362 C
Mooyaart E L 1799
Moraine C 339 R
Moran B J sIII 26
Morgan D 245 1549 C
Morgan G 1144 R
Mori T 1518 R
Morice A H 1105 C
Morimoto A 1734
Morimoto N 1294
Moriese J F 1823 R
Moriet N 414 R
Morley D 562 R
Morley J 1450 R
Morley P 883 C
Morris A 28
Morris A D 1505
Morris C M 958 C
Morris D L 1774 C
Morris J C 1490 Com
Morris K 124 N 191 N 269 N 341 N 420 N 495 N 567 N 569 N 1007 N 1009 N 1458 N 1523 N 1530 N 1609 N 1683 N 1755 N 1759 N 1825 N 1826 N 1828 N
Morrison C E 829
Morrow R 1546 C
Mortensen P T 1210
Morvan J 1298 R
Moses S 1076 R
Mosha F 1805
Mossialos E 680 Com
Mostad S B 922
Motol Y 592 C
Mouridsen H 319
Moxon E R 817 C 1240
Mueller K-H 1225 R
Muggeo M 214 C
Muhart M 1142 R
Mühlendahl K E v 114 R
Muir K 1476 C
Mukhopadhyay S 1782 C
Muider D W 245
Mulholland K 524 correction
Müller D J 1857 C
Muller H P 1645 Com
Müller M 1146 R
Müller N L 651 S
Müller O 288 C
Mulley G P 1160
Mulligan R S 490 R
Mupita D 412 R 1033 C
Murakami K 1448 R
Murch S J 1598 R
Murdoch I A 1749 R
Murphy D A 1500
Murphy G 119 N 374 M 1258 M 1485 M 1864 M
Murphy M B 565 R
Murphy P 1676 R
Murray B 300
Murray C J L 144 C
Murray G 1069
Murray G D 367 C
Murray L 526
Muttukrishna S 372 correction
Myasnikov Y 781 R
Myddleton G 1406 correction

N

Nabel C 1632 C
Nabeth P 1635 C
Nachev C 757 1636 correction
Nadal D 892 correction
Nadel S 811 C
Nagai M 1857 C
Nagai R 784 R
Nagasaka S 184 R
Nager C W 1751 R
Nahmias C 657
Naitza S 335 R
Nakajima W 1002 R
Nakamura S 1734
Nakamura T 143 C
Nakamura Y 369 C
Nakano K 1367 R
Nakano T 1004 R
Nakao K 1518 R
Namnyak S 1326 C
Narang R 298 C
Narayan S M 943 S
Naraynsingh V 74 C
Naresh K N sIII 17 365 C
Narins C R sIII 2
Narlow C P 1477 C
Naruse M 146 C
Nashan B 1193 1484 correction
Nasser M 225
Nathan B 450 C
Nathan D sl4
Nathanson N 673
Navalesi R 214 C
Navarro V 1480 C
Navas E 1738
Ndinya-Achola J 922
Ndjave M 704 1776 C
Neal D E 305 Com
Needham L 240
Neelon F A 1245
Neild P J 963 C
Neilson E G 152
Neilson J P 754 Com 1631 C
Neien W L D M 861 R
Nelson B J 1439
Nelson H 194 N
Nelson L S 1859 C
Nelson P V 1368 R
Nelson R 1300 R
Nelson R R S 1327 C
Nelson S D 556
Nerlich A G 1404 C
Ness T 1818
Neuberger J 875 S
Neugebauer S 224 correction
Neuhaus P 1223 R
Neuwirth Z E 606 Com
Nevens F 1495
Newsome-Davis J 1596 R
Newton D J 410 R
Newton R W 1505
Ng H K 1594
Ngui S-L 1655
Nichols G 1005 R
Nickerson K G 205 M
Nicoll A 1546 C
Nicoll J A R 1069
Nielsen C 562 R
Nielsen J C 1210
Niemi S 1174 C
Niermeijer M F 490 R
Nieves J 550
Nieweg O E 808 C
Niggemann B 1678 R
Nikolajsen L 1353
Nishikido N 639 R
Nishimaki K 1367 R
Nishimura M 1734
Nishioka Kusuki 145 C
Nishioka Kusuya 145 C
Nishizaki M 1821 R
Nissenblatt P B 1039 1185 P 1408 1785 P 1864 P
Nixon S J 800
Nkrumah F K 1550 C
Noacco C 214 C
Noble D W 1399 C
Noiard N 1074 R
Nonoguchi H 146 C
Nooij M 911
Noone P A 219 C
Nordin C 29 R
Nossal G J V 1316
Nöthen M M 1324 C 1857 C
Nowack R 1859 C
Nowakowski J 887 C
Nowotny N 593 C
Nozue M 1778 C
Nugier F 635 R
Numazaki K 447 C
Nundy S 1320
Nunn A 983 1546 C
Nunn P 142 C 1284
Nuño J 714 R
Nurden A 1189 Com
Nurse P 1626 C
Nusselder W J 142 C
Nussey S S 743 C 1484 C
Nutt D J 185 R
Nwanyanwu O C 1624
Nwokolo N 866 R
Nyange P 922
Nyangulu D S 1284
Nyi N 751

O

Oberlin O 91
O'Brien C 192 N
O'Brien D 1551 C

O'Brien E T 757 1636 correction
O'Brien J 178
O'Brien S J 741 C
O'Connor C M 1272
O'Connor S sIII 12
Odendaal H J 1267
Oderda G 71 C
O'Dwyer P J 523 C
Offit K 117 R
Offord E A 815 C
Ogawa Y 1518 R
O'Grady J 1729
Ohara Kenshiro 1857 C
Ohara Koichi 1857 C
Ohrui T 1178 C
Ohta S 1367 R
Ojasoo T 891 C
Okamura H 488 1250 C
Okano Y 1406 correction
O'Keefe B 664 C
Okhravi N sIII 18
Okongo M J 245
Oksi J 1447 R
Okumiya K 143 C 290 C 1521 R
Olin P 1569
Olivieri N F 491 R
Ollivier T 153 227 819
Olsen J 101
Omata M 818 correction
Omer A 715 R
Omoding N 1549 C
Omosigho C 524 correction
Oomori N 488 1250 C
Oparaugo A 524 correction
Opie L H 1259
Oppenheim D 1838
Orabi A 918
O'Reilly D St J 1402 C
O'Reilly P H 1557 C
O'Reilly S 291 C
Orfanos C E 32 R 1776 C
Ørskov H 1188 (Com)
Osaki Y 143 C 1521 R
Osborne R 371 C
O'Shaughnessy M V 1406 C
Osin P 638 R
Osipov A 1065
Osmond C 1131
O'Sullivan J 12
Ottesen B 1277
Overbaugh J 922
Overgaard J 564 R
Owen E T 818 correction
Ozawa T 290 C
Özsoylu S 1252 (C)

P

Pabst H 819 P
Pace M 266 R
Pack S 264 R
Page B 1635 C
Page S R 1850 C
Pahor M 1075 R
Pak E 264 R
Palace J 261 R
Palasanthiran P 742 C
Polepou M-F 738 C
Palicz T 518 C
Palma L 338 R
Palmer A 524 correction
Palmer J G 110
Palvanen M 1174 C
Pandha H S 1793 Com
Pang L 814 C
Pang X-L 1205
Pangrazzi J 1557 C
Paolini M 1554 C
Papac R J 888 C
Paquet C 1708 C
Paradisis P M 892 correction
Parekh S 298 correction
Park B K 1553 C
Parker D 1395
Parkkari J 1174 C
Parmar J S 883 C
Parmar M 161
Parner J 697
Parry E 85
Parry G 66 C
Pascualvaca D 638 R
Pastuszak A 1143 R
Patel B D 298 correction
Patel S 1655
Paterson A D 1403 C
Patterson C 1164
Patterson R 895
Patterson V H 216 C
Patton C M 1199
Paunio M 1364 R
Paxton H 785 R
Paxton L 546 1036 correction 1546 C
Payen A 963 C
Peacock T E 178
Pearlman M 531 Com
Pearson G 67 C
Pearson G R 240
Peckham C 1546 C
Pedari M 1635 C
Pedersen A K 1210
Pedersen A T 1277
Pedone C 1782 C
Peeters A J 309
Pegge N 957 C
Peiris O 112 R
Peltola H 1364 R
Penketh R 1554 C
Pennington M 373
Pentti J 1124
Perego P 535
Perez H 31 R
Perheentupa A 263 R
Periès H 812 C
Perkins B A 1708 C
Perna A 736 C
Perren T 370 C
Perry I J 1256 C
Pershagen G 400
Personne M 518 C
Persson C G A 1021
Persson H 518 C
Pescovitz M D 1729
Petch M C 1000
Peter H H 1818
Peter R M 556
Peters A M 1177 C
Peterson L W 1715
Peto R 295 C 430 444 C
Petrikovsky B 1366 R
Petrone M A 819
Petronis A 1403 C
Pettitt D J 166
Peverill R E 1177 C
Peyramond D 635 R
Pfister H-W 892 correction
Pharoah P O D 1482 C
Philip A G S 1856 C
Philip J 697
Phillips D I W 1131
Phillips M 1036 C
Phillips R E 1617
Philpott-Howard J 855
Piattelli A 1655
Picard F 1805
Piccolo G 266 R
Pickar D 930 R
Piedbois P 1175 C
Pile-Spellman J 1065
Pilowsky L S 490 R
Pineli-Salles P 1597 R
Pini P 937 N
Pintavom P 663 C
Piras G 214 C
Pirmohamed M 1553 C
Piaca F 535
Plateil C 1752 R
Playford R J 369 C
Plier D A 1681 R
Plyusnin A 781 R
Pochard F 817 C
Pockley H 1110
Pockley J 745 1333 1561 1714 1865
Pohl L R 556
Polak J 1681 R
Poland G A 1564 Com
Poli G 1370 R
Poliak P 712 R 1675 R 1676 R
Pollak R 819
Pollard A J 811 C
Pollock A 125 N
Polonio-Balbi P 1682 R
Pompa M G 114 R
Ponsioen B P 1060
Poole C J M 218 C 973 Com
Poole-Wilson P A 1349
Porter A M W 736 C
Porter E A 451
Porter S R 1655
Postigo M M 31 R
Postlethwaite R J 159 Com 1567 Com
Postmus P E 1450 R
Potokar J P 185 R
Poulter N R 1852 C
Pounder R E 1774 C
Powell R J 1720 Com
Powell-Tuck J 534 Com
Power C 1584
Powles J W 956 C
Pozzo G 214 C
Prach A T 933 R
Prassler R 692
Prats G 222 C
Preker A 751
Preston F E 1425
Prewitt K 751
Price H 450 C
Pridmore S 815 C
Prien T 884 C
PRIME II Steering Committee and Investigators 148 C
Prince R H 473
Prior A J 634
Pristera R 1370 R
Prker L 827 Com
Procter S J 368 C
Prone-Supine Study Collaborative Group 815 C
Proser R 669 C
Proudfoot J 96
Pryn S 489 R
Psaty B M 1413 Com
Pujol-Borrell R 641 R
Pyörälä K 1680 R
Pyörälä M 1680 R

Q

Quereda C 1738
Quick J 1106 C
Quinn A G 1750 R
Quinn J P 1412 Com
Quinn T C 546 1036 correction
Quint P A 1439
Quint W 71 C
Quintó L I 1295 R
Qureshi B 1108 C
Qureshi N 1105 C

R

Rabe L 546 1036 correction
Rackoff P J 752 Com 1444
Radcliffe-Richards J 1320
Raddo G 54
Radford C 414 R
Radford T 55
Raffaelli C 1362
Raffalli J 887 C
Rafferty M 1590
Raffles A 1252 C
Rahi J 12
Rahimtoola S H 1110
Rahman F 1848 Es
Rai H 1578
Rai V 485
Raisz L G 868 N
Raivio T 263 R
Raju T 1863
Rakeman M a 771
Rakhmanova G 383
Rakwar J P 1076 R
Ramaiah S 223 C
Ramenghi L A 522 C
Ramirez G 834
Ramsay A 153
Ramsay L E 1852 C
Ramsay S 421 N 941 N
Rance A 1448 R
Ranieri E 1368 R
Rankin A C 1115 Com
Ranson D L sIII 6
Raoult D 112 R
Rapa A 71 C
Rapola J M 668 C
Raptis S 1495
Raquin M-A 91
Rasmussen F 1569
Rasmussen J M 637 R 1552 C
Ratzan K R 928
Rauws E 692 1398 C
Ravaud P 1144 R
Raviglione M C 624
Ravindranath Y 295 C
Raymond F L 930 R
Reading P J 560 1402 C 1746
Realch D 1191 Com
Redman C W G 372 correction 485
Reed J A 1295 R
REEP 288 C
Rees D C 491 R
Rees J 670 C
Rees K R 520 C
Reid J L 520 C
Reiher H W 1300 R
Reilly T 1611 S
Reiner L 586
Reingold A L 1708 C
Reintjes R 215 C

Reis M 640 R
Reiman D A 1262 Com
Remschmidt H 1324 C
Remuzzi G 308 Com 736 C
Rennie D 1035 C
Renton A 210
Renzini C 1298 R
Resnick N M 1157
Ress P 1689 N
Réthy L 1518 R
Réthy L A 1518 R
Reus V I 372 correction 594 C
Reynolds A 1001 R
Reynolds M J 256
Rhodes A 413 R
Ricci S 441 C
Ricciardolo F M 1297 R
Rice M sIII 21
Richards A M 339 R
Richter G 692
Riddell R H 524 correction
Riedel B 1681 R
Riemenschneider M 784 R
Rietschel M 1857 C
Righetti E 441 C
Righetti M 524 correction
Rijcken B 1431
Riley W A sI14
Rimbault A 33 R
Rimington H M 1782 C
Ringelstein E B 291 C
Ringwald P 224 C
RITA-2 Trial Participants 461
Ritchie C W 710
Ritter J 901 Com
Rivera R 524 correction
Rivers J K 1336 Com
Rivlin M M 1548 C
Rizza C R 1425
Rizzari C 1479 C
Roache J D 453
Robbins J B 880 1709 C
Roberts I 144 C
Roberts M S 636 R 863 R
Robertson G 1181 C
Robertson J 1483 C
Robinson C A 1729
Robinson F 1865 M
Robinson K S 1795
Robinson T D 3 Com
Robison L L 888 C
Robson K J 335 R
Robson M E 117 R
Rocke L G 216 C
Rockstroh J K 413 R
Rodeck C H 1632 C
Rodés J 1786 M
Rodicio J L 757 1636 correction
Rodriguez-Valverde V 1036 C
Rodvold K A 1412 Com
Roffman R A 1500
Rogaev E I 959 C
Rogers A 272 N 298 correction 872 N 1012 N 1151 N 1233 N 1305 N 1306 N 1609 N 1760 N
Rogers M 1546 C
Roggan A 29 R
Rohwer R 219 C
Roland M 1487
Rolando N 855
Romano P 372 C
Romics L 518 C
Roncaglioni M C 1557 C
Ronsmans C 1481 C 1810
Rooney W 930 R
Root-Bernstein M 1111
Root-Bernstein R 1111
Ropers H H 1223 R
Rosen C J 1340 Com
Rosen P P 525
Rosenbaum M B 262 R
Rosendorff C 671 M
Rosenfeld J 757 1636 correction
Rosenstein N E 1708 C
Rosenthal B 371 C
Rosenthal C 1164
Ross A 1549 C
Ross D 1546 C
Ross D A 81 Com
Ross M I 1336 Com
Ross R 1225 R
Rothman N 240
Rothmund M 1296 R
Rothwell J C 686
Rothwell P M 261 R 1181 C
Roubey R A S 1491 Com
Roux V 112 R
Rovner J 40 N 195 N 272 N 346 N 421 N 502 N 571 N 573 N 648 N 792 N 793 N 872 N 940 N 1013 N 1153 N 1378 N 1456 N 1529 N 1608 N 1690 N 1759 N
Rowe B 814 C
Rowe P M 720 N 788 N 789 N 942 N 1526 N
Rowland D Y 295 C
ROXIS Study Group 404
Rozman C sIII 9
Rubanyi G M 671
Ruckley C V 800
Rudbush II T K 1624
Rugge M 448 C
Ruggenenti P 736 C
Ruiz P 298 correction
Rumsaeng V 663 C
Rusch G 1248 C
Rushton D 711 R
Russell D 301
Russell-Jones R 886 C
Rustin G J 371 C
Rutgeerts P 692 1398 C
Ryan C J 1548 C
Ryder S 1850 C
Ryley P 908

S

Sáez-Valero J 929 R
Sagawa N 1518 R
Sagnella G A 850 1703 C
St John J C 961 C
Saito T 184 R
Salz E 928
Sakensa N K 742 C
Sakurai T 561 R
Salaniponi F M 1284
Salazar-Lindo E 1597 R
Saliba F 1729
Salihu H M 1035 C
Salleras L 222 C
Salman M S 1367 R
Salomon J-C 891 C
Salvarani C 43 S
Salvatori F 1370 R
Sama A 861 R
Samejima H 561 R
Sanak M 1599 R
Sander A 1078 R
Sandercock P 443 C
Sanders K 990
Sandham J D sIII 3
Sandle G I 408
Sandor V 1325 C
Sankar P 1558 C
Santonastaso M 266 R
Santoro L 1557 C
Sanz J 713 R
Sapienza M A 1297 R
Sarcoma Meta-analysis Collaboration 1647
Sargent I L 485
Sasaki H 864 R 1178 C
Sator M O 1628 C
Saudek F 214 C
Sauerbruch T 413 R
Saunders K B 519 C
Saunders M 161
Saunders N 1655
Savage M O 1199
Savarino V 1556 C
Savasan S 295 C
Savill J 58 1850 C
Sawada T 336 R 1406 correction
Sawamura D 1522 R
Sawdy R 265 R
Sawicki P T 662 C
Saxena P K 1598 R
Sberna G 929 R
Scalway H 226
Scanlon M F 755 Com
Scannon P J 1439
Schächinger D H 1217
Schallreuter K U 1254 C
Schechter M T 1406 C 1637 M
Scheel O 1028 C
Schellenberg D M 844
Scherer S W 785 R
Scheynius A 400
Schieppati A 308 Com
Schievink W I 260
Schiffman F J 1251 C
Schilling R F 1677 R
Schimmel T 186 R
Schlemper R J 524 correction
Schliefer K 413 R
Schlosser A 1296 R
Schmidt A-G 1193 1484 correction
Schmidt C 1145 R
Schmidt S 624
Schmolke M 784 R
Schmutzler M 1706 C
Schneeberger P 71 C
Schneerson R 880 1709 C
Schneider E P 1366 R
Schneider G 524 correction
Schneider M 326
Schnyder F 1822 R
Schook C E 1552 C
Schorah C J 30 R 1323 C
Schott G D 1117 Com
Schouten H J A 309
Schouten J P 1431
Schrag H 32 R
Schramel F M N H 1450 R
Schroll M 604 Com
Schuchat A 1708 C
Schulz T F 1144 R
Schuurman R 983
Schwartz D H 256
Schwartz L 113 R
Schwartz L B 1792 Com
Schwartzländer B 141 C
Schweda F 736 C 1632 C
Sciacca R R 1065
Scmülling S 1595 R
Scott C R 457 Com
Scott G 782 R
Scott J E S 396 1031 C
Scott J M 445 C 1666
Scott R 186 R
Scott R S sI 23
Scott R T 961 C
Scott-Samuel A 753 Com
Scully C M 1655
Sears M R sII5 1015 S
Secka O 524 correction
Seidelman W E 1560 M
Seigneur M 1030 C
Seigneurin J-M 635 R 983
Sekizawa K 864 R 1178 C
Selam J 214 C
Seller M J 1323 C
Sellers CC 226
Sells R A 1320
Semba R D 1031 C 1547 C
Sempala S 1546 C
Semple P F 440 C
Senadheera D 1299 R
Senn S 1184
Seppälä M sIII 16
Sergent G R 725 S
Sergent P 1114 Com
Serlier E K 1799
Serwadda D 546 1036 correction 1546 C 1780 C
Setchell K D 971 Com
Setchell K D R 23
Sewankambo N 546 1036 correction 1780 C
Shaffer N 1546 C
Shahar E 667 C
Shamsaldim A 91
Shanberg A M 183 R
Shandall A A 934 R
Shannon E A 1820 R
Shanson D C 1100 C
Shapiro J 383
Shapiro L 1143 R
Shapiro L R sIII 8
Shapiro S 111 R
Sharland G K 930 R
Sharma B 595 C
Sharp B L 363 C
Sharp D 191 N 193 N 234 Com 300 M 674 1013 N 1118 Com 1149 N 1192 Com 1646 Com 1862 M
Shattock M 1288
Shaw J 143 C
Shaw V 146 C
Shea S 205 M
Sheldon J 1144 R
Shelley E D 1223 R
Shelley W B 1223 R
Shen V 550
Shenkin H A 1548 C
Sheppard H W 741 C
Sheridan W 597
Sherlaw-Johnson C 1128
Sherlock S 1786
Sherr L 895 1783 C
Sherwood T 4 Com
Shetty M R 744 correction
Shields S 216 C
Shimizu M 115 R 961 C
Shimoda T 524 correction
Shimosawa T 1449 R
Shimura H 1778 C
Shiotani H 1254 C
Shipley M 1680 R
Shkolnikov V M 383
Shohtsu A 1819 R
Shor-Posner G 782 R
Shorvon S D 493 R
Shulman S T 84 Com
Shuster S 1488
Siamopoulou A 368 C

Sieber C 1822 R
Siegler M 1517 R
Sieradzki J 214 C
Sierra J sIII 9
Sigfusson N 1778 C
Sigvaldason H 1778 C
Sikkema K J 1500
Sikora C 371 C
Sikora K 1793 Com
Silk H J 1037 M
Silva C 640 R
Silva J R 31 R
Silverman B G 1531
Silverman M 380 Com
Silverstein M 1366 R
Simini B 154 717 N 744 C 874 N 1085 N 1232 N 1307 N 1330 C 1375 N 1528 N 1689 N 1829 N
Simmonds R J 1546 C
Simmons C B 1598 R
Simmons D 157 Com
Simon A 1110 M 1259 M
Simon H-U 1599 R
Simonds C 1838
Simone C B 1556 C
Simone C B II 1556 C
Simone N L 1556 C
Simpson J M 930 R
Singer D E sI4
Singh R 223 C
Singleton A B 958 C
Sipponen P 524 correction
Siu K L K 31 R
Sjöberg G 518 C
Sjöberg S 29 R
Skehel J 1626 C
Skov L 1264 Com
Skovmand K 196 N 1528 N 1758 N
Slack M P E 817 C
Slama G 214 C
Slater D 265 R
Sloan J 1370 R
Sloggett A 7 884 C
Small D H 929 R
Smart E 862 R
Smeesters P 1074 R
Smidt-Jense S 697
Smit H J M 1450 R
Smith C A D 630 1553 C
Smith Fawzi M C 371 C
Smith G B 883 C
Smith H R 814 C
Smith J M 943 S
Smith M 1408 M
Smith M W 741 C
Smith O P 1590
Smith P 149 C 1546 C
Smith T A 844
Smith-Jones P M 524 C
Smithells R W 1323 C
Smolich J J 1177 C
Smyth A 811 C
Snook J 764 1774 C
Sobesky J 1595 R
Sobol H 1101 C
Soda K 861 R
Södersten P 1033 C
Sohal H 562 R
Soin A 1077 R
Sollman E 116 R
Selleder E 692
Solomon L J 1500
Solomon T 59
Soltanpoor N 1005 R
Somoza N 641 R
Sone K 1522 R
Song Y-H 82 Com
Soni P N 363 C
Sönnerborg A 1823 R
Sood R 1782 C
Soothill P 1629 C
Souhami R L 911
Soulillou J-P 1193 1484 correction
Soutter P 532 Com
Spaccapelo R 335 R
Spathis G S 364 C
Speller D C E 323
Spengler U 413 R
Spiller R C 1850 C
Spinelli E 1408
Spittle M 886 C
Spitz M R 677 Com
Spitzer W O 1566 Com
Spooner D 911
Spooner R J D 1425
Spring P 112 R
Squarcione S 114 R
Srinivasan R 1710 C
Srivastava D K 767
Srivastava R 286 Es
Stabell Benn C 101
Stack C G 65 C
Staehell P 1002 R
Staessen J A 757 1634 C 1636 correction
Stahel P F 892 correction
Stähle L 1823 R
Stamos J K 84 Com
Stanci E 214 C
Stanislow E 294 C
Stanley A J 1235 S
Stansfeld S 235 1405 C
Stanton S L 1751 R
Stark B 1679 R
Stark K 932 R
Steegers E A P 861 R
Steeples D 1402 C
Steering Group for Pan Thames Study of Critically Ill Children 65 C
Stein B M 1065
Stein D S 589 C
Stein H 1776 C
Stein K 1483 C
Steinhoff M C 918
Steinhubl S R 532 Com
Steinlin M 1516
Stella P 524 correction
Stengrevics A 523 C
Stephenson B M 334 934 R
Sterkey G 751
Stern R S 349 S
Stevens A 1720 Com
Stevenson G 657
Stewart G 668 C
Stewart G E 903
Steyn D W 1267
Stiehl A 563 R 1552 C
Stitz L 1002 R
Stolte M 524 correction
Stolte M 448 C
Stone P 296 C
Stoven V 711 R
Strandberg K 290 C
Strandberg T E 442 C
Stratton I 1288
Straub R 29 R
Streit T G 480 1036 correction
Stremmel W 563 R 1552 C
Stricker R B 589 C
Strickland P T 240
Strocchi E 15
Struthers A D 1349
Stuart J 1005 R
Subbarayappa B V 1841
Suetens C 1074 R
Sugiura S 818 correction
Suhr O 593 C
Suissa S 979
Summerfield D 63 669 C 1247 C
Sundberg K 697
Sung J J Y 31 R 975
Super M 159 Com
Sustento-Reodica N 298 correction
Sutcliffe J S 1520 R
Sutcliffe M 30 R
Suwanwela C 751
Suzuki T 784 R
Svegaard A 742 C
Svensson J-O 1823 R
Swai R 1805
Swain P 692
Swallow V 396 1031 C
Swanwick M A 1723
Swart W 1743
Swenerton K 370 C
Swerdlow A J 1723
Swerlick R A 306 Com
Swift M sIII 8 365 C 740 C
Syme S L 231 Com
Symington I A 219 C
Symms M R 493 R
Systolic Hypertension in Europe (Syst-Eur) Trial Investigators 757 1636 correction
Syvänne M sI20
Szabó G 1522 R
Szalai C 518 C
Szarewski A 37 N 497 N
Szczeklik A 1599 R
Szczepanski R 114 R
Szelmies U 1404 C
Szlijarto L 670correction
Szpak G M 441 C
Szylit O 33 R

T

Tabaqchali S 738 C 1644 Com
Tadiar F 288 C
Taguchi Y 865 R
Tahsima K 593 C
Tahzib F 1550 C
Takada G 1002 R
Takahashi H 524 correction
Takanosawa M 340 R
Takashima S 865 R
Talacchi A 1004 R
Talbot I C 110
Tallis R 1185
Tallis R C 686
Tamaki S 369 C
Tamalet C 983
Tamm M 1822 R
Tan L B 443 C 521 C
Tan S 995
Tan-Torres T 1546 C
Tanaka Y 116 R
Tanner M 844 1546 C
Tanyüksel M 670 C
Tapson V F 452 P 1038
Tarantolo S R 1602 R
Tarlo L 908
Tarnow-Mordi W 66 C
Tasche M J A 1060
Tasker R C 66 C
Taskinen M-R sI 20
Tatelshi J 865 R
Tattersall R B 1850 C
Tattersfield A E sII24
Tayler E 142 C
Taylor I 149 C
Taylor P K 1100 C
Taylor R H 1183 M
Taylor S 1779 C
Taylor-Robinson D 1251 C
Taylor-Robinson S D 1142 R
Teasdale G 1069
Tebbe U 1225 R
Tedder R 983
Teelucksingh S 74 C
Teixeira G M 449 C
Tenenbaum S A 740 C
Teo C-G 1655
Terada S 1448 R
Terao T 289 C
Terenghi G 339 R
Tesarik J 116 R
Tewari K 183 R
Thapar A 411 R
Theakston R D G 68 C
Thein S L 491 R
Thel M C 1272
Thiel E 1003 R
Thijs L 757 1636 correction
Thomas H 371 C 1179 C
Thomas H C 1142 R
Thomas P 289 C
Thompson D G 686
Thompson D R 1400 C
Thompson M J 636 R
Thompson S 1781 C
Thompson S G 1349
Thomsen P E B 1210
Thomson A 1677 R
Thomson K R 354
Thornton H 1332 M
Thorpe L 664 C
Thuesen L 1210
Tibby S M 1749 R
Tichonova L 210
Tiengo A 214 C
Tikhomirov E 1709 C
Tilney N 1320
Tilvis R S 442 C
Timmins D 818 correction
Tindall A R 1863
Tiner R 1329 C
Titmus R 1713
Tittle W 1164
To K F 975
Todaro L 1226 R
Todd J 1805
Toelle S P 1516
Tognoni G 366 C 815 C 1028 C 1557 C 1633 C
Tollat M-R 1223 R
Tome M B 288 C
Tominaga Y 1748 R
Tomita K 146 C
Tomlinson S 50
Toni D 1476 C
Topol E J sIII 2 532 Com
Toppari J 263 R
Torén K 226 M
Torné A 808 C
Torres J R 31 R
Tournier-Lasserve E 1511
Tovée M J 1474 C
Towne D W 880
Tracey K J 861 R
Trathen B 1858 C
Treasure J 412 R 1033 C

Treasure T 524 C 1128
Tremont-Lukats I W 449 C
Triller J 1146 R
Trimarchi C V 1790 Com
Tripathi K 1102 C
Troesch A 1511
Troffa C 524 correction
Tröger U 1478 C
Tromans T 711 R
Trompeter R 146 C
Troncy E 111 R
Tsui L C 785 R
Tsunoda K 340 R
Tsuruda J S 1221 R
Tucker J 66 C
Tudor Hart J 299 M
Tugume B 1546 C
Tulleken J E 289 C 1601 R
Tunstall-Pedoe H 829
Tuomilehto J 757 1636 correction
Turnbull D M 560 1402 C
Turner M 908
Turner R 1288
Twycross R sIII 20
Tylee A 1643 Com
Tytgat G N J 71 C
Tzakis A G 298 correction

U

Uchide K 1448 R
Uchino M 593 C
Uchitomi Y 488 1250 C
Ueda M 561 R
Ueki Y 1748 R
Ueno H 1254 C 1448 R
Ugwumadu A 1251 C
Uijen J H J M 1060
UK Haemophilia Centre Directors' Organisation 1425
UK Prospective Diabetes Study (UKPDS) Group 1288
UKHCDO 1704 C
Uksila J 1447 R
Umans V A 445 C
Ungchusak K 288 C
University of Pennsylvania Meta-analysis Blinding Study Group 185 R
Upton M 1478 C
Urassa H 844
Uscinska B M 911
Usen S 524 correction
Ushikubo Y 561 R
Uthayakumar S 588 C
Uzu T 1734

V

Vågerö D 516 C
Vague P 214 C
Vahedi K 1511
Vaheri A 781 R
Vahtera J 1124
Valdya J S 525 M 962 C 1784 C
Vaittinen P 931 R
Valassina M 338 R
Valdecasas G JC 1729
Valencia O 1128
Vallance P 52 1854 C
Valle M 1364 R
Vallet T 635 R
Valsecchi M G 1479 C
van Belkum A 146 C
Van Damme W 1774 C
Van de Perre P 221 C
van den Braak N 146 C
van den Ende R 1552 C
van Denderen J C 309
van der Brink H R 309
Van der Eijken J W 911
van der Heide A 251 1711 C
van der Heijde D M F M 309
van der Laar M A F 309
van der Linden S 309
van der Maas P J 251 1711 C
van der Meulen J 956 C
van der Pijl J W 1743
van der Snoek B E 933 R
Van der Veen F 774 1555 C
van der Wal G 251
van der Werf T S 289 C 1601 R
van der Woude F J 1743
van der Wouden J C 1060
van Doorn L-J 71 C
van Es L A 1743
van Gijn J sIII 14
van Ginneken 1810
Van Glabbeke M 911
van Guldener C 662 C
van Hemel J O 490 R
Van Leberghe W 1774 C
van Loon A J 1799
van Meegen E 1552 C
Van Ommeren M 595 C
van Steenberghe D 187 R
van Suijlekom-Smit L W A 1060
Van Veldhuisen D 148 C
van Weel C 1159
van Zeben D 309
Vandenbroucke J P 824 Com
Vanherweghem J-L 1858 C
Vanneste A M 1810
van't Hof A W J 615
Vapalahti O 781 R
Varaine F 1708 C
Vargas F 641 R
Vassin S 383
Vaughan C J 565 R 1029 C
Vaughan D 1590
Vaughan J 1136
Vaughan J P 169 1108 correction 1494 Com
Vaughn W 1547 C
Vayssière C 1511
Veitch P C 1674
Veld P A I 490 R
Velluci L 114 R
Veltman M 664 C
Venn A 85
Vento S 1298 R
Verbrugh H 146 C
Verhoeven A C 309
Verlinden N 556
Vermeijden J W 1601 R
Veronesi U 809 C
Verrier Jones K 380 Com
Verrier P 473
Vesikari T 1205 1538
Vesterlund T 1210
Viberti G 214 C
Vicenzi E 1370 R
Viciana A L 298 correction
Victoria C 1546 C
Vigneri S 1556 C
Vila J 635 R
Vile R 1793 Com
Viljanen M K 1447 R
Vincent A 1596 R
Violi F 667 C 1222 R
Viraben R 1366 R
Virgolini I 524 C
Virtamo J 668 C
Vitry A 1477 C
Vives-Pi M 641 R
Vogl T J 29 R
Vohra A 928
Voipio-Pulkki L-M 1447 R
Vokes E E 156 Com 1087 S
Volberding P A sIII 10
Vollmer-Haase J 291 C
Volmink J 666 C
Volta U 106
von Essen R 1225 R
von Kries R 68 C
von Kummer R 1595 R
von Mühlendahl K E sIII 19
von Mutius E sII14
von Schulthess G K 262 R
Vondra K 214 C
Vormwald A 932 R
Vortmeyer A O 264 R
Vounatsou P 844

W

Wabwire-Mangen F 546 1036 correction
Wachira Kigotho A 422 N
Wada T 290 C
Wagner H-U 245
Wagner M 1559 M
Wahn U 1678 R
Wainscoat J S 485
Wakefield A J 1774 C
Wald N J 665 C 1632 C
Walker A 780
Walker J J 1109
Walkinshaw S A 1791 Com
Wall P G 964 C
Wallerstein C 125 N 126 N 1008 N 1308 N
Walley T 1097
Wallis C 1001 R
Wallis E J 1852 C
Walls T J 560 1402 C
Walsh C 489 R
Walsh D S 785 R
Walt G 751 1494 Com
Walter D N 1217
Walton S 1551 C
Wambersie A 1074 R
Wang B 742 C
Wang D 330
Wang H 861 R
Wang J-D 330
Wang S-H 771
Wara P 692 1398 C
Ward H 210
Wardlaw J M 607 1477 C
Warlow C P 607
Warshaw M 808 C
Warwick R 297 C
Washenik K 1363 R
Wastell C 1783 C
Watanabe H 524 correction
Watanabe T 224 correction 1821 R
Waterhouse J 1611 S
Watermeyer S 1554 C
Watkins W M 1624
Watson C J E 1077 R
Watson R G P 1370 R
Watt B 1715
Watts D 227 P 966
Watts J 422 N 574 N 941 N 1377 N
Watts N B 1596 R
Waugh M A 595 C
Wawer M J 546 1036 correction 1780 C
Waye J S 491 R
Weatherall D J 491 R
Weber A E 1406 C
Weber J 230 Com 983
Weber M 524 correction 1330 C
Weber R F A 490 R
Webster M W I sI23
Wedel N I 1439
Weichselbaum R R 1087 S
Weiger T 1824 R
Weintraub M I 1777 C
Weir D G 445 C 1666
Weisman B 642 R
Weisman E 642 R
Weiss S T 1431
Weissenbach J 1511
Welch M J 922
Wells P S 1795
Welsh J 1396
Wenger B 1818
Wenger J 1709 C
Wengraf C 221 C
Wennberg J 1228
Werker D H 173
Werneke U 739 C
Wesson C 1857 C
West C E sIII 15
West R 892 C
Westendorp R G J 1119
Westerberg C-E 1220
Westhovens R 309
Weston P J 1032 C
Westphal O 1199
Wettstein A R 1445 R
Weverling G-J 983
Weverling-Rijnsburger A W E 1119
Whailey H 1686 N
Whidden P 73 C
While D 1474 C
White B 1590
White M 591 C 817 C 1404 C
White R W 409 R
Whitebread M 1627 C
Whitehead R 1642 Com
Whitehouse C 1487
Whiteman M C 541 1479 C
Whittaker S 886 C
Whittle H 101
Whitworth J 1546 C
Whitworth J A G 245 1549 C
WHO Global Surveillance and Monitoring Project 624
Widmann F K sIII 27
Wiedenmann B 1223 R
Wierzbicki R 911
Wieshmann U C 493 R
Wiggam M I 292 C
Wiktor S 1546 C
Wilbur W A 818 C
Wilcken D E L 603 Com
Wilcox R G 1850 C
Wild J 30 R
Wilde P 489 R
Wildschut H I J 148 C
Wilkinson D 362 C 562 R
Wilkinson R G 516 C
Will R G 188 R 668 C 903 908 1746
Willadsen S 136 R
Willcox N 1596 R
Williams B 662 C
Williams E S 219 C
Williams G 780
Williams J D 885 C
Williams R 965 C
Williams S 301
Williamson R 1852 C

Willis G 565 R
Wilson B 1567 Com
Wilson S J 185 R
Wimperis J Z 565 R
Winblad B 73 C
Windhaber J 593 C
Winett R A 1500
Wing L 1761 S
Winwood P 764 1774 C
Wirguin I 1747 R
Woelfert L 550
Wohlfahrt J 319
Wokke J H J sl1 14
Wolfsen C 473
Wong K S 664 C
Wong L-J C 1299 R
Wongarichanalai C 785 R
Woo J 975
Wood D A 1349
Wood N W 1136
Wood W 1861
Woodall J 296 C
Woodburn K 336 R
Woodford N 738 C
Working Group on Public Health and Fossil-Fuel Combustion 1341
Wormser G P 887 C
Worobec A S 69 C
Wright A J A 445 C
Wright C M 642 R
Wright D A 409 R
Wright D H 960 C
Wright D J 521 C
Wunsch H 1372 N 1453 N 1524 N 1604 N 1684 N 1754 N 1827 N
Würschmidt F 888 C
Wyke A 151

X

Xie J-X 444 C
Xu W 112 R 1004 R
Xu X 1431

Y

Yacoub M 1681 R
Yadidi A E 1264
Yamada S 1449 R
Yamanaka M 364 C
Yamasaki K 1294
Yamasaki Y 1365 R
Yamawaka N 1821 R
Yanaga K 1294
Yanai M 864 R
Yano M 1748 R
Yarnold J 1415 Com
Yarze J C 446 C
Yasaka Y 1254 C
Yasolbanda S 1298 R
Yasuda S 1819 R
Yazaki Y 784 R
Yellon D M 1110
Yemaneberhan H 85
Yeo W W 1852 C
Yeung W L 1594
Yim A P C 665 C
Yip S-K 1103 C
Yokoyama M 1254 C
Youle M S 588 C
Young A C 522 C
Young L 149 C
Young D W 786 R
Young P 291 C
Yuung W F 1140
Yeung W L 77 1065
Yung M Y 975
Yuzawa K 1778 C

Z

Zack M 300 P 599 P
Zack M B 76 P
Zagato L 524 correction
Zahm S H 240
Zaidi S 1105 C
Zaizov R 1679 R
Zakharov S 383
Zametkin J A 638 R
Zanardi M 15
Zanchetti A 757 1636 correction
Zasloff M 1750 R
Zeidler M 668 C 903 908
Zeigler J 742 C
Zeiher A M 1217
Zellweger-Zähner T 326
Zeman A 795 S
Zermansky A 447 C
Zhang D 1141 R
Zhang M 861 R
Zhang M-L 771
Zheng S 864 R
Zhuang Z 264 R
Zidani R 681 1326 C
Ziegler A 1324 C
Zijlstra F 615
Zijlstra J G 147 C 289 C 1601 R
Zimmer-Molsberger B 1003 R
Zimmer-Nechemias L 23
Zimmermann U 739 C 1296 R
Zimmet P Z sl1 1288
Zinelli C 672
Zink A 1404 C
Zinman B 785 R
Zappi M A 1631 C
Zuccalà G 1782 C
Zucker H D 819
Zucker M B 819
Zucker-Franklin D 597
Zuger A 1486 M
Zumla A 157 Com 893
zur Hausen H 153 M
Zwolle Myocardial Infarction Study Group 615

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UK OFFICE
42 Bedford Square
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Tel: +44 (0) 171 436 4981
Fax: +44 (0) 171 323 6441

USA OFFICE
245 West 17th Street
New York NY 10011, USA
Tel: +1 212 633 3800
Fax: +1 212 633 3850

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